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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.

Repl. 6/22

STATE OF INDIANA
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DEPARTMENT OF PUBLIC WORKS
INDIANAPOLIS

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Bluffton, Ind.
June 14 1939

Dear Hermann: I have your letter of June 12 and note what a darn fool you are. I do not wish you to think you are sui generis. I have no ambition to equal or surpass you but I think I can qualify for your class at least. I am now hard pressed. Weatherby sailed for Europe last week so that ends him. My eyes have gone bad and I have a headache, something new to me and I feel bum

I have just written Harriet to stick to the ship until under water. I do not wish to neglect other obligations but I want you to stick and do your best on this galley business now since Weatherby is gone. He hastily read galley up to page 323. this is in the Excluded I believe. I note the Astragalus is complete. Poor M.E. Jones I presume has suffered. I have Jones monograph and most of his other writings. It is to be hoped that +idestrom has clarified rather than muddled things.

Now I will try to clean up on the page proof of Carex. I return your copy. When you can get the printer's copy fixed up return it with one duplicate for the Indexer. Then if you wish at the end of the game the page proof of Carex I will send it you. For the life of me I do not find the end of the Carex page proof you must have it. You do all you can to fix the proof, that is copy in the excluded species and pages on galley 324, 325? I would not ask this but I do not know what I am to do about my eyes. I must read more than a page now and then if I ever will get thru.

Well I got a letter from Wilson today, the first for two months. He says he will be up soon.

Now as to the Review of the Flora. I shall be glad to have you do it if you will. Weatherby has Rhodora and Bartless agreed to review it for Science So then the field is open to you. Select your magazine and let me know OVER

I do not see a valid reason why you should not review it because I know modesty will prevent you writing the whole review on *Carex* and *Juncus*. Remember the review will not be due until about Jan. 1. You will have one advantage you can jot down items as you go along and have paper ready by the time the Flora is out.

Yes Bartlett was here Thursday night. We had a fine visit. He did not say much about you and I did not inquire. He thinks you are a wonderful taxonomist and should get a position where you could devote your entire time to that sort of work. When I was talking to him about his review of the Flora I asked him if thought it would be orthodox for Hermann to review it for some publication and he replied, Why not if he will do it. He already has a taxonomic standing which is a desiderata in such work. The reason I wanted Bartlett to write for Science was because he and Cattell are good friends and he would not throw his review out. The Science review will reach the largest number of readers.

No Lord I do not wish to go over *Carex* any more myself or do any thing. I can get some one else to do. You fish it and return when done.

No Bartlett did not get any gadgets at Huntington. Only a few there and it rained. Loew is O.K. but he has a bear by the tail and does not know it.

Well I must economize on eye sight. My eyes are now out. Keep up the good work

I am sincerely yours,

Chas. C. Peck,

Bluffton, Ind.

Memos to Hermann

For Epling's discussion of *Scutellaria galericulata* L. see Amer. Jour. Bot.
26:17-18. 1939

Physostegia speciosa (Sweet) Sweet. Epling wrote and I received his letter today and he says *Physostegia* should be *Dracocephalum*. I asked him to read my galley on *Stachys* of which he wrote the key. On the sheets was some *Monarda* and he says *M. fistulosa* is probably an Alleghenian and ours *M. mollis* and a mixture. That *Scutellaria lancaedolia* Poir becomes *S. reflexa* Hornem. *Pycnanthemum pycnanthemoides* he says should be *Tullia* but according to the rules *pycnanthemoides* is O.K. Say man say that taxonomy is not on the wing

The *Perilla frutescens* (L.) Britt. var. *nankinensis* Bailey gets me.
I will send this to Weatherby

Britton in Man. 1904, page 807. 1904 gives it as (Lour.) Britton

1901
1911
Bailey in *Gentes Harbarum* vol. 1135. 1923 gives it Bailey and refers to
Bailey Stand. Cyclo. Hort. 2533 (1916)

I suggest you check distribution of *Carex* (nd. species) with Porsild
list in *Rhodora* 41: 199-211. 1939

The Printer's copy of *Carex* is still in your hands. Will you please add
the page nos to excluded species from galley 324

It seems you must have both the Printer's copy and the duplicate page proof
of all of *Carex* and *Juncus*. I can not find any her.

Reprints

Reg. 7/7

STATE OF INDIANA
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INDIANAPOLIS

Bluffton, Indiana

June 30 1939

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Thurman A. Gottschalk
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Dear Hermann: I have your letter of June 27 and feel almost criminal to send you any more proof to read, but my ox is in the ditch. I note however, we are getting toward the goal. I am feeling happier all the time. My hard job now is to read the page proof which I am doing very carefully because I do not plan to read it again but only to check the errors.

You will note I send you today some page proof which Harriet sent me today. You will note she made few corrections. May be it is clean. I have not yet read this lot. The Key to Leguminosae is a mess. The same mess occurs in the page proof in the General Key. I tell em 3 spaces for indenture and 4 for repeat but they must translate that into "ems" and it seems as if they can not do it or something. Too I write em to follow copy

I will take care of the numbers on Carex on galleys 324-~~322~~ 325

As to the reprints you will get em in due time. Wilson has not been here since Mch. 21 "e is a dam skunk if you ask me. I got thru Weatherwax the price Burford charged him (Editor for Ind. Acad. Sci) for reprints. It is the first hundred that costs. That is they place the cost just a little under what it would cost to have them reprinted, that is the price by a Union Printer and then the extra hundreds are the price of other printers.

Your Carex paper has 64 pages and cover; Juncus 12 p and cover

Burford's price 21-24 pages 16,30 for 100, and 1,15 for additional hundreds.

9-12 pages 8,00 for first hundred and .55 for additional
I do not have price on 64 pages but you can get an idea
Covers 3,00 for the first 100 and 50 cents for additional hundreds.

Now do not worry you will get the reprints just as you ordered if I have to have em reprinted at my own expense. I have no idea what Wilson has up his sleeve. They have just appointed a new Printing Board. Suppose the order will have to go thru it. No matter I feel tougher than a boiled oil but there is a lot of fight in me yet when it comes to that OVER

Now I have taken it up with Weatherwax idea of having the Ferns of Indiana printed as a separate from the Flora. 22 pages. He figures that 1,000 copies would cost 34,15 and could sell for 5 or 10 cents. These could be used at the State Parks by the Guides as a class study. I have written Miss Banta to get her idea of the separate business of Ferns. She is Guide at McCormick Creek Park.

This Nuphar business gets me. I now have it Nuphar with two maps ending in um. I can easily change the page proof but the maps cost 2,00 each to change. I could use a footnote for the maps and change the text to feminine This would probably do. Weatherby was the first to call my attention to the gender of Nuphar .. "ere interrupted by visitor for 2 hours.

I beg pardon for chastising Bloomquist on Spelmopolis

I note what you say about the omniverous Flora writer. I would ~~prefer~~ prefer to write one the one I am writing than a dozen half done. When you look back at the books on Floras and botanies there are many but a few

outstanding ones.

"all I will be sending you proof every few days or more and I do not wish you to waste time in writing more than is necessary for I know you must be very busy. I surely do appreciate the way you have stuck to me.

With best wishes, I am sincerely yours,

Chas.C. Deam,

Bluffton, Ind.

emos to Hermann

Reh 77

Relative to the type of *Symphoricarpos orbiculatus* forma albus will say I have no type. They send me a bunch all rolled up and I just discarded it. I planted some of the roots and doubtless they will produce fruit this year. If I see it will fruit I will give it a number and make a specimen later

I have changed accent on *Lonicera* from to as follows.

I have just gone down in arboretum and I find the *Symphoricarpos* quite health but it will not flower this year. It is about 18 inches high. I can make a leaf specimen but I could give it a number and make a memo and next year collect it. If next year never comes to me my memo could be executed(??) What do you suggest?

I do not find where Rehder described *Lonicera glaucescens* var. *dasygyna*. Will you please see the Gray index and oblige. Too if I have the name spelled correct. Harriet suggests that it be *dasygyna*, which Wang in *Shanhai*

Prof. Dr. B. S. P. Wang in Shanhai

Solidago ovata as a hybrid has never been published as a hybrid. If I went ahead and used the hybrid sign it might be construed that I described it. I told Friesner sometime ago to give it botanical description, etc.

Pages 217 & 218 found and made like the printer's copy and added.

Red Streak Edition on *Symphoricarpos*. I have just been down to the bush and it will flower this year. I went down the other evening about dark. So I think I had better adopt your suggestion and give the type a number and locate it here.

Spec. 14. 181. 1903

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Repl. 7/7

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Bluffton, Ind.
June 28 1939

Dear Herrmann: Well I am getting oriented and I will catch up with my letters before I go farther.

In reply to your letter of June 23 will say I received the proof from you I still have you charged with galley as follows:

293-323. May 19

Ret.

~~29~~ 324-331 June 13

Ret. 7/5

332-344, June 13

7/5

345-350,

OK

351-379 Digitized by Hunt Institute for Botanical Documentation

about the bibliography. That can ride but get to me soon as you can so I can get the thing into page proof so I can begin to enter the excluded species numbers and get some of the final page proof in.

392-520 ; 545-640

I have you charge with page proof in several lots from page 266-520 Wish you would see if this is correct. You understand I am getting only 2 copies of page proof and I keep printers copy here and work on it. I must read it, check the Torre & "arm nos on it, put headings on and index it send the second copy either to you or Harriet and then to the other but may have got things mixed up.

I am thru reading the galley. Wife read me the bibliography. You need have any one read it to you. Think it is pretty clean. I am anxious to r what Blake says about it. I feel sure he will condemn the forestry vs. In them no systematic mention is made of species but such articles
Reproduction of Hemlock (*Taxodium distichum*) should be of interest
items in the Flora on ecology, etc. OVER

and too the articles are not lost to bibliography
Again the rapidity of growth of certain species. I did eliminate all
article on Cecidology very much against the wishes and judgment of A.C.
Kinsey .

Many thanks for the trouble in looking up Eplings articles.
Scutellaria lanatifolia now becomes something else. Can get it for you if
you like. Do not go to any more trouble, you have enough.

Just had a letter from Carleton R. Ball in which he is now recognizing
Salix subsericea, ~~maxxiorgoxtan~~ (Anders.) Schneid. He lists 5 counties
or 4. I am using a footnote in page proof. to make the record

Well I must sign off. Wife is calling dinner. I am sorry to
learn you have been sick again. Take care of your health. That comes first
of all things.

Best wishes, I am sincerely yours,

Chas. C. Deam,

Ely ad.

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Page 453 in pp. I have Nuphur advena Ait. This is according to Weatherby
Then how about Nuphur variegatum and sgaittiorolium. Is Nuphur
Rydberg in Flora P. & P. has all species in um,
feminine or what? neuter. See note below #

Please note in Castanea 4,63 Clausen extends the range of Juncus
brevicaudatus to North Carolina. Do we have it Ind.? if so add the
distribution extension Why does Clausen drop (Engelm) in name?

You might tell Mr. Martin in his paper on Rushes of West Va. he missed
a lot of them. See index to rushes in B. & B. vol.3:628. Reference to
this should make him blush at his attempt to try to cater to the Oh My
ignorant amateur class. I say "Look up " instead of smearing yourself
with the ignorance of the professtion,etc. In other words he puts
an old hat on a dress suit paper. Now while I am cuggeling I would
like to take a ~~xxx~~ whack at Core(Editor) One paper with bold face names
and the next in small caps. Then too why not be educated enough to
insist on an up to date nomenclature. Why did not Flomquist consult
Hitchcock's Grasses and use Sphenopholis intermedia for S. pallens.

I note that Martin does not like your treatment of Luzula. He accepts
your names until he can get something better. Guess that is what he
must do with all his names. He may be able sometime to make a ringer
and write it himself.

es there is always something new under the Sun The # before species
On page 62 is another innovation. Guess the guy who lives in a glass
house better not throw any rocks jst now. The Flora will more new
gadgets than this "bull pen" #.

My map shows Arenaria patula for "abash County ,Hermann. This should
be Arenaria stricta Mx. I do not know where the trouble is. It is on
my private map as H and I know the source of the collection (Hanging
Hanging Rock along the Wabash 1 mi. se. of Lagro) I have deleted
it on my map,etc.)Arenaria stricta is glabrous while A. patula is
sparsely glandular pubescent.

Nuphur. My maps are now N. advenum and variegatum. If I change to
Nuphur advena and varigata I will have to make a new map(\$, ~~xxx~~ 2,00

Dear Hermann: Do you think we should have Carex on galley 324
set in bold face. Also accent marked on each species.If so please
mark accent and oblige, Chas.C. Deam, June 20 1939

- Bull. Orto Bot. Univ. Napoli (451M16)
Gasparis, A. de
Le applicazioni matematiche della biologia.
Bull. Orto Bot. Univ. Napoli 12: 1-14. illus.
[1934]
- Nicotra, L.
Nuovi studi sul sistema delle crocifere.
Bull. Orto Bot. Univ. Napoli 12: 15-19. [1934]
- Savelli, R.
Amido lipidico. Bull. Orto Bot. Univ. Napoli
12: 69-77. [1934]
- Savelli, R.
Bilancio idrico, alimentazione ed intossica-
zioni per via extraradicale. Bull. Orto Bot. Univ.
Napoli 12: 21-36. illus. [1934]
- Savelli, R.
La clorolisi. Bull. Orto Bot. Univ. Napoli
12: 99-109. [1934]
- Savelli, R.
Cromoplasti dimorfi in *Arecastum roman-
zoffianum* Becc. Bull. Orto Bot. Univ. Napoli
12: 135-140. illus. [1934]
- Savelli, R.
Dimorfismo del cloroplasto. Bull. Orto Bot.
Univ. Napoli 12: 43-54. illus., pl. i-ii. [1934]
In *Cephalocereus euphorbioides*.
- Savelli, R.
Eziolamento dell'aloë. Bull. Orto Bot. Univ.
Napoli 12: 111-133. illus. [1934]
- Savelli, R.
Stato latente di variegazione rivelato per
via fotochimica. Bull. Orto Bot. Univ. Napoli
12: 59-68. pl. iii. [1934]
- Savelli, R.
Su alcune forme special dell'eleocloroplasto.
Bull. Orto Bot. Univ. Napoli 12: 55-58. illus.
[1934]
- Savelli, R.
Sull'andamento della reazione di Sidorin.
Bull. Orto Bot. Univ. Napoli 12: 79-97. illus.
[1934]

STATE OF INDIANA
CONSERVATION DEPARTMENT

DEPARTMENT OF PUBLIC WORKS

INDIANAPOLIS

Bluffton, Ind.

June 15 1939

Recd. 6/22

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Dear Hermann: The Carex Index here. My God man is it possible I made that many errors and omissions. What will the general index be like. I tell you Hermann this book must be finished soon or some one else will have to do it. I am feeling so bum right now I can scarcely go. Fortunately I now have plenty of proof so that worry is off my mind.

Well I surely am grateful to you for recopying the index. May in the end you will have a real paper out of it.

I was worried about the Index (general) Harriet was giving me the jitters because she wrote as if she would not do it. I told Weatherwax and he has an assistant who will be out a job this summer so she can do it so if old Harriet lies down on the job I am not left. I wrote her I had a girl to take her place and I will bet she will straighten up and beg for the job. She is Scotch and a penny grabber but a "crabber". Well at least that part of the Flora looks O.K. One of the biggest selling jobs is yet to come when Wilson and I get together on these separates. I am going to have all you ask for or a fight. Wilson wrote he would be up soon but I do not wish to spring the Separate Business until the very last minute.

Now Hermann do not kill yourself by work. Do not take on any thing else.

Best wishes, I am sincerely yours,

Chas. C. Deam

Bluffton, Ind.

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Page in part 5/10

Memos to Hermann

Page proof, p. 267, Lead 3, Perigenia. The opposing one does not start out with perigenia and it caused me some trouble. All are not so stupid as I am. Does it need to be revised, if so can it be done without too much trouble. Would it be O.K. to start the upper lead with "Lower, Think this over

Wahl and specimen has this date
St. Mary's College at Notre Dame. You had a memo on margin to delete the 's I find that the World Almanac writes it as above which doubtless is correct so I have left it with 's.

Note now since we have agreed to use Coulter's Catalogue we must be sure it so reads and not Coulters' Catalogue. Dean Stanley Counter alone did this job.

See Pritzel: In my abbreviations to Authors shall I delete on Wahl and retain only one. *Wahl* As I understand it George Wahl wrote the Carex, etc. and that Pehr Frederick did not, so I have deleted his name. Please answer this if you will. Or shall we retain both names and use one Wahl for both. This does not seem to me to be orthodox. Think one should be out if we can so do it. *See 13 to Del. Fern*

Dear Hermann: Monday A.M. May 8. I have your card relative to proof. Some mix up but in due time, like the first born baby, they will come on time.

Now here is one thing you can rest assured of. The Printer will not get the last proof until it has your O.K. Think I will send you the Printer's proof with headings on before I send it in. Then we still have another chance. But doubtless they will try to get the next proof clean. I sent you a lot of page proof Apr. 29, pages 266-391 which has the last lot of Carex on it.

Now I want you if you can to critically read all page proof I send you. I tell you Hermann I am going "nutty" fast. This Indols bunch have me worked up to "white heat" all the time. Wilson has not called now since Mch 21.

Now keep the galleys of Carex and return them with the page proof if you have not sent them. Now printer wants to get all the galley proof out and then the page proof out and not send in any page proof until we can add all the page numbers. This means careful reading.

Mrs. Wichh is behind, too much School work, etc. I got the last lot of galley from her this morning but she has a lot of page proof yet. When I get all the Carex and Juncus page proof in I will send it you for your O.K.

Best wishes, it could be worse, but dam little
Say I had another day dream yesterday. See other side
Best wishes, I am sincerely yours,
Chas. C. Deam.

P.S. You will have read ere this Weatherby's lament on the contracting of names, phrases, and sentences. Well we may all condone it but it is better to get in the wagon and be in the lead of the procession. The contractions are not all coming from the "vulgus" and country newspapers but from our colleges. All you have to do is to read some "daily college paper" and see how prey Jones will hold and X next Thursday, etc.

Well here is my day dream. Laying strees on some terms I have been using is responsible for this and I would like to have you to consider it.

In my use of "or" I had the idea "or" meant a choice of two things, consequently should be separated by a comma, but authorities say or is connected to the word preceding and takes no comma.

Now the word "or" as I understand has two distinct meanings. One is where it is used as a synonym or the stuff following the "or" is an explanation of what precedes. Smooth or glabrous to mean the same thing. Then we have "or" to mean an addition or a choice. Flowers red or white. By the way I received for identification a white redbud this morning.

Now I was wondering if it would be possible to recognize the two major definitions of "or" and use a comma before one and close up on the other. For example when one adds some thing to explain a thing and uses or, then it is really parenthetical and might be set off with a comma.

Well Al you get me. Think this over. What we need is a refining of our definitions and since you are so darn particular you might be a leader in it and get all the kicks. You will please note I am a good "buck passer" and you might take a lesson and now kill your fool self. Give the other guy a chance. *Ohave his pants farmed*

Deam

P.S. Now if you have not received gxx page proof, 266-391 when this reaches you let me know at once. It must be lost. I send all my mail to your home address

Deam

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Regl. 6/20/12

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Bluffton, Ind.
June 7 1939

Dear Hermann: I enclose you the index to Carex. For your information the index is to follow the heading in the grass book with this sentence added. Varieties are abbreviated to v. and forms to f. If you do not like the last sentence please write one that is better.

I do not like it but it seems to be O.K.

Now the index will have all legal scientific names in bold face, with the principal page in bold face. Synonyms will be in italics. Mine run stuff such as common names will be in roman and neither common names or synonyms will have a bold face page. Please note I wrote the first part of the index and I did not indent the v. & f. I note there is some differences in the space allotted for indenture. I think 3 spaces enough. The index will be two columns wide. Now in Hitchcocks grasses he indexes Sections in alphabetical order. You will note I have them all under Carex. I plan to have your separate issued with this index which will have all the sections in. Then too I do not believe it is necessary to have the sections in the general index. What think ye? Probably if one would look for the name of section he would look for it under Carex where he would find it. I wish you would go over this Index with a fine tooth comb, add and delete and change as you desire. It is now ready for "arriet so far as I know. I was uncertain whether to use a cap on the names of Sections or not. You are the boss, make as you want em.

Well no proof from Indpls yet. The last May 19. Can you beat it? Send in your proof as soon as you can so I will have all done when I get a new lot.

OVER

H.H. Bartlett is to be here tomorrow night. Friday we go to Huntington College where he is the principal speaker. When we return which I presume he will Weatherwax comes to take a load of plants and one case to Bloomington.

I now find I have to have 27 new maps made, due to errors in labeling and changes necessary to keep up to date. Wheeler wrote me that in his paper that will be out before the Flora is out that our *Euphorbia maculata* now becomes *E. supina* Raf. and that *E. Preslii* becomes *E. maculata* L. This made two maps necessary.

I have your letter and cards about Flora reviews. Do you want to review it. If you wish I would be mighty glad to have you. I see no reason why ^{Blake} ~~Raike~~ should. My relations with him have always been cordial but if you wish and will review it, say which one and you shall have it.

Well wife is ready to read to me so I will sign off. The Indiana Garden Clubs were here today. Quite a phrenological, physiognomy study. I wish the chiggers were here as bad as last year. Then I know they would have gotten something

Best wishes, I am sincerely yours,

Chas. D. Sear.
Think you had better take your page proof and check every one of the page numbers and if ital or bold face. I have indicated bold face by underscore the page no. The bold face also goes with the page no

Memos to Hermann

I note what you say about the Greek accent in Conium. But both Gray and B. & B. accent the I, so there must be some reason. I will leave it as I have it but if you know it is wrong, please let me know so I can change it

As to the key character of central flowers sessile in Zizia, I put it in as confirmatory to distinguish it from Thaspium for which it may be mistaken and which bothered me all my life. These two genera are difficult to ~~separate~~ separate unless you have a very complete specimen, I mean some plants are hard to place. True this comes in the key but not close together.

You win on the Coulter, Catalogue. I have always considered above the mine run and if this is a stumbling block to you it will or probably will be to all others. So in the Introduction where I list Coulter's Cat. of Indiana plants etc. I make a footnote: In the text contracted to Coulter's Catalogue so in the future where you find it used change to Coulter's Catalogue.

Section in surveying is written section 34, but NE $\frac{1}{4}$, sec. 4 See G.P.O. page 88, no. 64

May 6 1939

Dear Hermann: Your letter of May 2 was duly received. I have gone over your galley and it is O.K. Saved my face in many places. I sent the Onograssaceae to Munz and back in a week via Air Mail. He has just returned from South America. Other proof readers not yet heard from.

Now as to Sister ??? Orchids of Mich. just forget it. Let the other fellow rip her up. You are yet too young to get into trouble. You will often wish this was a "free country" and could say your piece but it is better to hold your peace.

As to the Astragalus monograph will say I know Tidestrom only by name. It is surely a crime not to consider every one of Jones species. They should be relegated to synonymy or listed as names undetermined.

Yes will you please loan Blake the galley on Bibliography when it comes I shall be glad to have any additions he may have but tell him I include only items that list an Indiana specimen or treats of Indiana plants. Of course I had to use a flexible judgment in including or excluding papers on Ecology and Forestry. I ~~aimed~~ aimed to omit all that did not have some bearing upon distribution of species (Indiana)

Send page proof of grasses pp 106-175 to me

Yes you can mark Printer's copy and I can erase it

Since I began the note my mail has arrived and no proof from any one. So now I will ~~reput~~ put headings on last page proof. Please excuse me if I sign off. Too busy to be sociable.

Best wishes, I am sincerely yours,

Chas. C. Deam

Memos to Hermann
Page 268 & 273 you find Coulter's Catalogue. Please fix these to suit you
I use it Coulter, Catalogue throughout, just Gray, Man. Deap, Trees.
This is your paper and fix it to suit you

I note that you have marked galley to delete "quotes" in three places
and they leave them. Guess they think you are wrong. Better investigate or
think this over. What you give in your copy will go. I added to your
galley proof some items I thought should go in. note that they use
all or most all of mine and in a few instances such as the quotes they
~~xxxxxxx~~ scrap yours. Will we not be glad when this book is off
press. I am so completely whipped that at present I can not howl. Hope
you can keep it up to the end. You know I never write the printer,
I have to write Wilson and I make no or few suggestions because I think
we are better off. I want to keep him cobbled off until I spring the
order for the separates. 298-299 300

Again on page 300 they pay no attention to your delete, quotes

I note on page 301 you ask to have Nels. expanded to Nelson but they did
not. I find that Nels. is O.K. so I have left it.

- Chem. & Industry (London) (382M31)
Ridge, E. A. & Lewis, H.
An inquiry into the mechanism of decay of
wood. II. Chem. & Industry 54: 302-305.
S.6, 1935. no.36.
- China Journ. (Shanghai) (475C44)
Kimura, K.
Important works in the study of Chinese
medicine. China Journ. 23: 109-119. 2 pl.
Ag. 1935. no.2.
- Circ. Estac. Exp. Agr. La Molina (Lima) (102.5L622)
Marie, V.
Apuntes sobre la producción de trigo en el Perú.
Circ. Estac. Exp. Agr. La Molina 30. 12 p.
Je. 1935.
- Zender, J.
La crisis azucarera y las nuevas variedades de
caña. Circ. Estac. Exp. Agr. La Molina 24.
13 p. My. 1934.
- The Commonwealth (Richmond, Va.) (280.8C732)
Avery, E. A.
Arlington experiment farm. The Commonwealth
2(9): 12-15. illus. S.1935.
- Country Gentleman (Philadelphia) (6C833)
Knight, C.
The first plant hormone. Country Gentleman
105(10): 12, 82-83. illus. O.1935.
- Deutsch. Gart. (Frankfurt a.d. O.) (80P883)
Pauck, P.
Wie wird die kohlhernie mit erfolg bekämpft?
Deutsch. Gart. 50: 269-270. illus. S.1, 1935.
no.17.
- Difesa Piante Torino (464.9D56)
Bongini, V.
Ricerche sulla germinabilità dei semi delle
cuscute inquinanti le semenzine foraggere piemontesi.
Difesa Piante Torino 12: 86-106, 117-139. illus.
Je., Ag. 1935. no.3,4.

STATE OF INDIANA
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V. M. Simmons

Bluffton, Ind.
May 24 1939

Dear Hermann: Another thing just came up today. I note you in your papers separate varieties and forms from the species by a comma. Now you are perfectly at liberty to do so. I have tried to consistently omit the comma but Weatherby today called my attention to the comma. No comment but just used it so I began to investigate. I have not gone far but I find it used both ways. L.H. Bailey in all his publications places a comma immediately after the botanical name, before the author name. He is the only botanist I know who does that. I note that Munz in his Fl. of California, St. John in his works, U.S. Bot. Pub. Jour Bot. Bull. Torrey Club, etc use no comma. Personally I do not see a reason for so doing. The name no matter how long is just one thing and it would be well if we could just "Kodak" a lot of the names and simplify to a combination of 4-6 letters, if it was not for the authors names. Now I am for the whole name business but not for catch your breath pauses in the name. I just call your attention to this so that in the event you may decide to change you still have time to do so but remember I am not suggesting the change. All up to you, dear Alphonso.

Well this is late Wednesday night. I will not deal until the mail comes in tomorrow. Nothing new here. No more proof nor a word from Indpls.

Oh by the way. Did you not tell me once upon a time you wished to write a review of the Flora of Ind. for some publication. If so are you still of the same mind, and will you tell me what magazine you want to use. No one can write as good a review as you. You know all the ins and outs and you can kick and pat both. Let me know. Fosberg wrote me and asked to review it for some magazine. This was wholly unsolicited. OVER

You know him. He looks a little wild but I think he is a thinker but he may not stand neck and neck with the fraternity but does so far as I know. He did not suggest a publication. I will delay reply to him until I hear from you. Weatherby will review it in Rhodora and Dr. Just doubtless will want to review it in Midland Nat. Few publications now carry reviews. Science is the largest distribution and when it does publish a review it is always ample but I fear they would turn mine down except presented by some celebrity. Then there Ecology, and Jour Bot (N. Y. Jour.) Bot Gaz. (The later would give only a few lines. You may think of some other.

*Blake
Fawcett
S. Johnson*

Best wishes, I am sincerely yours,

Chas. C. Deam

P.S. June 9 Fred Loew is having a big time at his Botanical Garden at Huntington College. I see that ^{Dr. H. Bartlett} Hartless is to be the principal speaker so I invited him to visit us. If he does it will be the second time and it has been more than 20 years since he was here.

Digitized by Hunt Institute for Botanical Documentation

Deam

May 25 1939.

Your letter of May 23 here and I will answer so I will be up to date. I am glad to learn you are in the field. That is the Life and the Big Prof. who teaches you the real stuff. Sorry to learn of the burned out bearing that costs. I note you came across one of my errors in National Herbarium I recall the plant and circumstances very well. When I found it I thought it was Phacelia and I do not see why I sent out specimens under that name. I hope you change the identification. Please note in the Flora that Phacelia occurs only in Knox County. If I have it correct P. Covillei is found only in Knox Co. Ind. and in the vicinity of Wash. D.C.

Yes I have patched up the Sorbus and we have both the native S. decora and S. Aucuparia.

Just got a letter from Svenson. He has just returned from Tenn. and got a lot of good things. No proof from any body today. Get busy. I do hope you are feeling O.K. again. Keep feeling that way. I feel so bad I feel like going to the sanitarium or hospital. I am so dizzy and blood pressure very low with all the dope I am taking to keep it up. All I ask to live to see this Flora done and then the Iron Works so far as I am concerned. Best wishes, Deam

Memos to Hermann

Map 348 *Cyperus filiculmis* is wrong. The map in proof was made from an old map and it escaped me.

Have you seen Bingham Orchids of Michigan. Not worth two cents to you

I bought a cloth bound copy for 1.50. It is a wash out right. If you wish to see my copy I will send it you. Some orchids are described and she does not tell in how many counties if any and she may say found in only one county and does not mention it. Some one should ball the old girl out on it. O.K. to publish such stuff but the price is getting money under false pretence and should be punishable at least by nothing less than a good right up in at least one magazine

Page 203a was fumbled by printer. Copy was badly marked up so he got it all mixed up. 16a is a synonym. I have it O.K. now.

The map mis-labeled *Carex strictior* var. *strictior* I have indicated to make a new map.

The *Eleocharis* maps must be changed.

As I found that maps for *Rhynchospora* and *Sclera* are not in sequence. To make a change would cost several dollars and as a matter of fact it does not matter except my sequence is destroyed. I have passed it up, making the necessary corrections.

Some maps have no flowering dates because the specimens were in fruit

As to the distribution of *Scirpus debilis* in "Lake & Porter Co only and map different I changed text to read "in a few counties only" which will take about the same space. fact is that that *Carex* shark caused me to go over this *Scirpus debilis*, *Scirpus Smithii* var. *setosus* until I ~~walk~~ wore all the whiskers off the achenes and had skidded the achenes around until the convex ones had become plan-convex. So now leave them as the maps show.

Journ. Dept. Agr. So. Australia (Adelaide) (23So84)
Clarke, G. H.

Important Weeds of South Australia. 15.
Slender thistle. *Carduus tenuiflorus*, Curtis.
Journ. Dept. Agr. So. Australia 38: 1488-1490.
illus. Jl.15, 1935. no.12.

Trumble, H.C.

The relation of pasture development to environmental factors in South Australia. Journ. Dept. Agr. So. Austral. 38: 1460-1487. illus. Jl.15, 1935. no.12.

Journ. Dept. Agr. Victoria (Melbourne) (23V66J)
Quinn, D. G.

Causes of the short Victorian vintage for 1935. I. Black spot and other factors. Journ. Dept. Agr. Victoria 33: 397-399, 403. illus. Ag.1935. no.8.

Strickland, A. G.

Error in horticultural experiments. Journ. Dept. Agr. Victoria 33: 408-416. illus. Ag. 1935. no.8.

Journ. Ecol. (Contrib. Ecol.) 45(1935)

Anderson, F. W. & Falk, P.

Observations on the ecology of the central desert of Iceland. Journ. Ecol. 23: 406-421. illus.(maps) pl.xxviii-xxx. Ag. 1935. no.2.

Bates, G. H.

The vegetation of footpaths, sidewalks, cart-tracks and gateways. Journ. Ecol. 23: 470-487. pl.xxxv-xxxvii. Ag.1935. no.2.

Cameron, E.

A study of the natural control of ragwort (*Senecio jacobaea* L.) Journ. Ecol. 23: 265-322. illus., pl.xx-xxi. Ag.1935. no.2.

Eggeling, W. J.

The vegetation of Nemanve Swamp, Uganda. Journ. Ecol. 23: 422-435. illus.(maps), pl. xxxi-xxxiv. Ag.1935. no.2.

Godwin, H., Godwin, M.E. & Clifford, M. H.

Controlling factors in the formation of fen deposits, as shown by peat investigations at Wood Fen near Ely. Journ. Ecol. 23: 509-535. illus., maps, pl.xxxviii. Ag.1935. no.2.

Repl. 5/2

STATE OF INDIANA
CONSERVATION DEPARTMENT
DEPARTMENT OF PUBLIC WORKS

INDIANAPOLIS

Bluffton, Ind.
Apr. 28 1939

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Dear Hermann: Your letter of Apr. 24 here and all the corrections and suggestions made.

Wish you would send your lot of Page Proof to Mrs. Leland Winch, 934 North Main Street, West Lafayette, Indiana. This will save a little time. When she reads it I will add her corrections and yours to my copy and send both my copy and yours back to you for final corrections. Then you return both to me. We have only two page proof copies. I want Herriet to have one all the time with her. I plan to have her make the Index and I may make an error and she will need a copy to consult. Then when the final page proof comes from the printer I will again send you a copy for the final corrections.

Well Hermann I am licked. I will give up and let the Dept. have the overstuffed size of letters. I can not understand Wilson and Simmons. Wilson was here in Bluffton last Friday and Saturday or Thursday and Friday for two whole days. ^{He never calls on me} Another week has passed and he has not showed up yet. He has had the 4 pages of galley that has the Chenopodiaceae with him now since Mch. 21 "e can not get any more page proof until I get the Chenopods. Just think of it. Beyond me. Believe when the book is in my hands and I resign, then if I will not begin to call em by the right names as "I know em, I am a liar. My salary still goes on but what I want most is the Flora. Wilson's actions are beyond me. I sure would ball em out right now but I must have the Separates as you want them, ~~but~~ so I am swallowing pride and God knows what not. Too add to my trouble my rheumatism is very painful in my right arm. Then another worry is I must appear at Bloomington next Wednesday to get a LL.D. A Fool for Luck, Yes I OVER

I have em all buffaloeed.. Do not give me away. You know me but few have the low down on me. Well when I got the letter notifying me, I had to arouse myself. I thought I was dreaming. Now you are the first one I have given this advance information. It will all come out May 3 and I will feel like I should go into hiding. You may ^{have} I refused a degree from Huntingtn College , think it was last year. I sure would like to see C.A. Weatherby get an Hon Deg. from Harvard. or from U. of Pa. If you have any hounds to put on the track, set em on to it. Weatherby knows something , yet here I am a fakir and get the degree. I will soon be on the level of a politician

Well doubtless you are again yourself. I hope so. Try to keep well. You must do so.

Spring Meet of Ind. Acad. meets at New Harmony, May 12 & 13. I do not plan to go. Too far for me to drive and what I might be able to collect would not go in the Flora. Too I have worked the area pretty well, but would feel like driving down there again to see the *Hottonia inflata*. This plant made on me the most profound impression of any thing I have ever seen.

I will forward any proof on to you as fast as I get it. All goes out the day I receive it.

Best wishes, I am sincerely yours,

Chas. C. Deam.

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Bluffton, Ind.
Apr. 23 1939
23

Dear Hermann: I have your letter of Apr. 20 and I exceedingly regret to learn you have been sick. Now here is "a law" not suggestion. First of all comes your health. To help with proof when you feel sick. The proof and all other things can wait until you get well. I doubt if you have a million invested in health. ^{have} Better regard it is a slender investment and take care of it. Remember you a life a head and a family to look after. So you pay attention to me and proof when my turn comes. I had a notion not to write you now for fear it might add to your trouble. As usual I enclose a memo. Well in regards to the Wahl and "Wahlenberg" I regret the mix up. Now so far as I know, Wahlenberg write no species other than Carex. ^{att.} If so in the list of Wahlenberg's we need use but one and let us call it Wahl. We use Wahl. ^{no} then it is body's business what the other fellow uses. You know in the introduction we have a list of abbreviations. Now we can go thru the text and change back Wahlenb. to Wahl. Now you know more about this than I do. If we continue to use Wahlenb. the maps will not agree and there is no way to change them except by new maps and I fear that will be asking more than we will get. Let me know what to do and I will fix it up.

Now I am working entirely in the dark. I have not had any proof since Mch. 21 and one brief letter in which he said (I mean Wilson) he would be the last of the week which would have been before April. Not a word from him during April. Last night I was up town and by accident I met the manager of the Forest, Game Preserve up here, or whatever you call it. and I asked him if ever saw Wilson, etc. Why he said he has been here two whole days. Now can you beat it. Why does not Wilson call and see me for 10-15 min. that is about as long as he ever spends here. Now what is the matter, I can not even guess. OVER

Digitized by Hunt Institute for Botanical Documentation

I have written him probably one or two letters a week, asking about ^{proof} to send it on because I needed it because I was out as well as the proof readers. I wrote him about the wrong size type and sent the Science Press letter and sample to him with request to return to me. May be they are laying the wires to discharge me. I am entirely in the dark but their actions are not of business men, or gentlemen. I note by the Indpls papers that the heads of two ^{Division} ~~Depts.~~ of the Dept of Conservation are busy training green frogs for a Derby to be held soon. Can you beat it. Well this matter must just ride.

Now as to the flowering date, that is all new to me. I have either forgotten it or never knew of it. I have looked over my set of maps here from which as I understand it the Flora maps were made and there is no flowering dates. I find no other maps here. May be I do not understand. You may have meant that you had the maps and forgot to turn them in when the final maps were made. Well I do not think their omission will greatly be missed. If you think it would be wise to include their omission in a footnote, why write it and tell me where to place it. I regret very much their omission since you went to the trouble of making them.

As to size of type of footnotes, Wilson said he would have all changed to 8 point but still they come 6 point or less. Too be frank you this man Wilson is the worst wash out I have ever been hooked up with. He seems to be such a nice man but he gets nothing done. On Mch 21. he was here and took 4 pages of galley with him and said he would have it done over again at once (These the Chenopods galley) and as yet not word from these galleys.

As to the Hibiscus data you do with it what you please. My publication will not come out until the last of the year, if ever.

Now as to seed and seeds. I regard my interpretation of these two words a distinct advance in botanical terms. I feel I am absolutely right and I want you to get right ~~them~~ too. Yes the term seed and seeds still comes out wrong some places. I went thru the text and tried to find all but I overlooked some and the printer prints it both ways. Well so far as all I write it will be as I interpret it. In my glossary I define them that way.

Hermann-3

Of course at a casual glance you think this is hard to follow, especially in the keys. But in the key when the term is used and more than one species follows, why seeds are to be used. I think I wrote you about the use of fish and fishes. Now no one ever uses fishes except an ichthyologist who is accustomed to use the word. Eigenmann was the first one I ever heard use the word fishes. Yes if I can call botanists attention to the correct interpretation of these terms, I will feel like I have scored.

As to the use of bold face in the text, I am delting it all. Well wife is ready to go up town with the Sunday mail so I must sign off. Now I hope this finds you in good shape but take it slowly. You must recuperate.

Very best wishes, I am sincerely yours,

Chas. C. Deam

Next time I write I will try to remember to number and mark off my questions so that it will make you less work to reply.

P. S. Porsild in The Canadian Field Naturalist has written on Nymphaea

tetragonata and listed a Michigan specimen. This is a scientific article

Vol. 53: 48-50. 1939

I enclose you a card.

Memo to Hermann

In indexing Carex I find that Mackenzie does not index Sections of Carex. In Panicum I index sections thus, Panicum spretum section, page Carex vigneae subgenus, page, omit all sections in the key, then begin where the sections begin, thus. Carex intermedia, section, page You can not reverse and say section intermedia. Of course it could be done and that would bring all sections ~~under~~ in alphabetical order under the word section. The question arises would the user of book seek the term under section or under its name. Ordinarily when one is in search of a thing he uses all the possibilities before he quits. But the subject of Carex will be used most by persons who will consult it more than once and they will become somewhat familiar with the index and when they learn that the Sections are under the term section will at once go to Carex and first find Section and then find it under section. Too the user will soon learn that sections are listed with species in alphabetical order so that when he consults index he will at once look for the name he is after, thus shorten the search one step. Now my choice is to place section with the species in alphabetical order. Your choice goes Please let me know how you want it. and oblige

Like Mackenzie black face accepted species, var. & forms and black face where its principal treatment occurs

I note that Mrs. Deam collection of *C. styloflexa* from Decatur Co, is our only record for Ind. I note that Mackenzie made the determination and is O.K. it but Mackenzie in his Monograph does not cite the Ind. plant. Wonder if he overlooked it or changed his determination. It sure is a long way from its home here. in just an ordinary mesophytic woods.

Page 263 for section Pseudo-Cyperus. Mackenzie on page 429 has it Pseudo-Cypereae. As I understand it your term would be masculine while the outfit is feminine. If wrong let me know. Although Cyperus should probably follow Cyperus. This is too technical for me.

over

Now I have come to *C. Pseudo-Cyperus* L so you are right and probably Mackenzie wrong. Do not go into detail to explain. All I need to know is if right or wrong. V.2, no.13, p.30

Trudy Tomsk. Gos. Univ. (Arb. Tomsk. Staatsuniv.) (cont.)
Reverdatto, V. V. & Kurekina, Z. N.

Nekotorye dannye o poedaemosti i fakticheskoj proizvoditel'nosti pastbishch Khakassii [Some data on palatability and productivity of pastures in Chakassya]. Trudy Tomsk. Gos. Univ. (Arb. Tomsk. Staatsuniv.) 86:267-281. 1934.
Russian.

Savostin, P. V.

Fiziologicheskoe deystvie apatita na rasteniia [Physiological effect of apatite on plants]. Trudy Tomsk. Gos. Univ. (Arb. Tomsk. Staatsuniv.) 86:30-68. illus. 1934.
Russian.

Savostin, P. V. & Okuntsov, M. M.

K voprosu o biokhimicheskikh osobennostyakh iarovizovannykh rastenii [On the question of biochemical peculiarities of iarovized plants]. Trudy Tomsk. Gos. Univ. (Arb. Tomsk. Staatsuniv.) 86:64-82. 1934.
Russian.

Sumnevich, G. P.

K sistematike i fitogeografii predstavitelei roda *Astragalus* L. vostochnogo Turkestana, po materialam gerbaria Tomskogo universiteta (Zur systematik und phytogeographie der verbreiteter des genus *Astragalus* L. von Astturkestan nach den materialien den herbarium der Universitat von Tomsk). Trudy Tomsk. Gos. Univ. (Arb. Tomsk. Staatsuniv.) 86:177-204. 1934.
Russian with German summary.

Sumnevich, G. P.

O *Astragalus macropterus* DC i geneticheski blizkikh vidakh [On *Astragalus macropterus* and the genetically related species]. Trudy Tomsk. Gos. Univ. (Arb. Tomsk. Staatsuniv.) 86:205-213. 1934.
Russian.

U. S. Dept. Agr. Circ. (1Ag840)

McNamara, H. C. & Stutte, R. T.

A device for separating different lengths of fibers from seed cotton. U. S. Dept. Agr. Circ. 360. 15 p. illus. Ag.1935.

Rabak, F.

Safflower, a possible new oil-seed crop for the northern Great Plains and the far western states. U. S. Dept. Agr. Circ. 366. 14 p. illus. Ag.1935.

Memos to Hermann

I am sore on this Carex introduction. I thought you had said somewhere that you examined such and such herbaria and at least you could have said you examined in all 500 sheets of Ind. Carex, -probably nearly 5,000. You are just too darn modest and you deserve to have not less than two cow bells tied to you. You must come out of it and blow your horn and if you do not your horn may never be blown because every one is too busy blowing their own. But Flora is not in page proof and to late to add a paragraph or rewrite it. Only in extreme "~~xxxxxx~~ unction cases" would it be permitted. Say there is a certain religious Sect who believe we get our Hell here on Earth. Well I want to join it. I am getting mine, at least the road is not a darn bit rosy.

Dear Hermann: I have just come to placing the headings on Carex pages.

The normal way would be Carex, Cyperaceae. When I have two genera on a page I place both as Scleria
Carex

Now I wonder if it would be an advantage for the users of the book
Carex

to use, \$ Intermedia. . . CYPERACEAE . The \$ stands fir the Section symbol
r it could be \$ 1, 2 or 3 as case may bebut the numerals mean nothing

I do not like to use more than two lines but in the very first page, 218 we have two sections. Now I will just leave it until I hear from you

so when you make up your mind, write me.

Sincerely yours,

Chas. C. Deam

Bluffton, Ind.

Apr. 18 1939, 9,00 P.M.

Repl. 4/20

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Bluffton, Ind.
Apr. 6 1939

Dear Hermann: Your letter of Apr. 3 came this morning. Always glad to hear from you. Proof here to page 201, I believe. When I read the proof + carry a memo along so as to record things as I read them.

I did ~~make~~ cite Wherry's *Saracenia* var. *gibbosa*? as a synonym of type. Now as to Pennell and Fernald *Polygala* I went over this carefully and though I had better just lay off. When you again called my attention to it I reread it carefully and I have made the change. It not only tears up the Ms. but it means two new maps, costing probably over \$4.00. Wilson told me that they cost over 2.00 each

Wilson has not been here yet and I have not received any proof for over three weeks. I think the next lot + get will be the rest of the book Wilson is double crossing me. I told him to stop them and have it out on this type business when I got second lot of proof and he has been monkeying along, etc. Now I have over half of the book here, up to galley 220? and they will hustle up and finish and then tell me it will cost too much to have the change made. It takes a lot of physical energy for me to fight or else I would go to Indpls and get the big guns, including the Governor and we would have what we want or see why. Well I will not rehash this because it gets on my nerves. It is all I can think about.

As to the Standardized Plant Names I am for the standradization. You will note in the Flora I give only one, rarely two common names. The fewer the better. All you have to do is to take down Sudworth's check list of the Trees of U.S. and note that some species have more than a half dozen names.

OVER

Say man you have about reached the acme of proof reading and keen observation. I never noted until you call my attention to the black face in Gray Man. of introduced names. I do not regard that orthodox. I think the way I had it in mind to have native species in black face and introduced species in small caps better than to have a name half black and half caps. Doubtless the set up now at Indpls is that I must accept small caps, ten point type for both common names and for introduced plants. I think what I want is 8 point small caps.

The whole name of introduced plants will be the same and in small caps if I win, otherwise they may be in Script.

I wrote you about the abbreviations in line of Distribution. I personally think it is not necessary to expand W.E., etc. Sometimes O.K.

I see quite a difference between *Cabomba* and *Glyceria acutiflora*. I can not understand how the grass would be introduced but I can easily see how *Cabomba* could because it is an "ornamental" and is listed in all aquatic plants lists. I even asked Mrs. Deam to get some for our pool.

Yes I have the 1939 GPO Style Manual. I have found nothing different from the 1935 ed.

Ranuncularis fascicularis var. *apricus*. No I do not even mention it. I went over all my specimens carefully and I can not see the variety in any of mine. I have now forgotten the character. Please note Fernald says the plants from our area must be "arbitrarily sorted". Since I do not have a typical var. I put all of mine into the species. I do have a plant from Iowa and one from Mo. You know my eyes are getting bad and I can not make things out like you and Fernald.

In regards to Benzoin pedicels will say my recollection is that all flowers are sessile or nearly so. Flowers in sessile clusters (Deam Shrubs) so that takes care of about 80 specimens. My specimens but one are at Ind. U. This is a lead that you should follow up.

Well I guess I will sign off. Weatherby is behind with proof so is old lazy Mrs. Winch. Her man has been conducting Debating Contests and she has been going along.

Best wishes, I am sincerely yours,

Chas C. Deam

On as to the Fassett Leguminosae he sent me a copy gratis so I do not know the price. It contains 157 pages, is large 8 vo, pub. University of Wisconsin Press, Madison, Wis. It has maps showing distribution, many drawings and photo reproductions. It is a very credible work. I have not yet gone thru it. May be try to do so tonight.

Deam.

Shall I send you my copy for personal use
Postage now is not much of course. Do
you want to see Berlin McGowan, Bill. Holler.

Reel. 4/20

Have you seen Sister McGivney's Revision of the Subgenus *Eucyperus*,
Contr. Lab. Biol. Catholic University no.26: 17-74 pages. 1939
She did not have my specimens and does not list *Cyperus acuminatus* for
Ind. Seems to be you said you had it from Mich, but Mich is not included.

You know it is interesting to go thru such a publication and note
the difference in English and Press work of this and Flora of Ind. She
uses periods in Metric Abbrev. and expands measurements such as 2-4.0 mm
I can not get that addition of .0 to measurements. In introduction she
says drawings etc. from type material but cites only a very few types.
If she really did make drawings from type material it would have been
decidedly informative if she located all types, why a few and not all?
She has taken up the Umlaut for the u in Muhl.

She has covered her dust in bibliography in which she says "Selected"
which will forestall any omissions. If she missed any I do not know them.
?(May be wrongly spelled)
I see you must be good at legerdemain to be a good writer. This is doubtless
a good paper. The synonym is not complete if correct. I beg the ladies
pardon. I note she cites the type specimen under Plate, etc.

Weatherby wrote me in 1934 to use *Potentilla monspeliensis* L. That
it was a synonym of *P. norvegica* var. *hirsuta* (Michx.) Lehm. For some
reason I got the synonyms turned around. I have not yet received his
proof so I can check on it. I may yet be wrong. You can catch results in
page proof.

Specimens versus individuals. You are correct. I do hope the reading of this
proof will result in your keener use of words and that your diction will
be improved (I know is now good but in earthy affairs improvement can be made
When once your attention is directed to this subject you can see the frailty
of others and improve by it. Do not wait until you are 70 years old before
you begin or try to improve like I have.

You suggest "doubly serrate" for "double-serrate" I prefer the last. It is
a compound adjective and orthodox, nicht Var ?

I have just referred to Fassett's general key to Leguminosae in which he starts
every lead with a letter. To me this is confusing and slows down
the fining business very much. Probably the amateur may need that much
help but all my life I have pioneered and so far as I can remember these
letters an figures have been of no use and a hindrance. Glad to know
how they affect you.

Amphicarpa. You cite the Int. Rules pg. 100 where it is spelled *Amphicarpaea*.
But Elliott spelled it *Amphicarpa* and both when he described it Jour. OVER

Phil Acad. Science Vol.1 which I have and he also spelled the same way in his Flora. Do not see how those Guys of the Int. Rules get the "ae" on to it.

Cassia Medgeri of authors now becomes Cassia marilandica and the old Cassia marilandica now becomes C. hebecarpa and C. Medgeri is out of the game.

~~Successor delete of authors~~

Cassia marilandica L. (Cassia Medgeri Shafer of authors) You say delete of authors. I now get you. It is really a synonym of Shafer and too as I understand it, all who listed Cassia Medgers Shafer (authors) would also be a synonym. I am so dumb so I delete of authors on your authority.

As to the spelling of Lespedeza Stuevei. Blake in Rhodora 26:28. 1934 pointed out that in the Int. Rules of 1905 that the umlaut U. beacondes ue. This rule is repeated in the 1935 Int. Rules, see page 23 under XXXIX, sec. c. If I am not correct let me know. misprint? A.H.

Strophyostyles leiocarpa, -seed. I am adhering strictly to seed for one species and when the term is applied in key or elsewhere to more than one species then it becomes plural and is seeds. I know this is new and is correct although I do not say another interpretation is not correct. All I have to do is to be careful and stick my guns. *H. L. S. ; Compton Euphorbia myrsina*

Now as the abbreviation of E, Eastern, etc. O.K. when only one line but if we have to correct two lines I let it ride. We are not at all consistent in this matter. We start off a lot of Distributions with N.S. Lab, Ont, etc. I do not believe it necessary to make too many changes. Gosh this book is going to break the Div. of Forestry. Necessary English changes go to the limit and usually accept all "diction" changes.

I tried to guard against the use of smooth for glabrous but I slipped a few places and I now correct. Smooth does not contrast with pubescent-English-scientific terms

Inadvertently I neglected to place in the key vars. such as Ptelea trifoliata fl pubescens and I use them in the text in bold face. Reason they are not synonyms and the rule is the names (Scientific names of native plants, vars. and forms are in Bold Face. N6

Thanks for calling my attention to the Polygala changes. I did not change but I have reread Fernald's dope and I presume he is right. Knocks two maps over \$4.00

STATE OF INDIANA
CONSERVATION DEPARTMENT
DEPARTMENT OF PUBLIC WORKS
INDIANAPOLIS

Repl. 4/20

Board
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Lieut.-Gov. Henry F. Schricker
Virgil M. Simmons
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Earl Crawford
Thurman A. Gottschalk
George H. Newbauer

Administrative Officer
V. M. Simmons

Bluffton, Ind.
Apr. 15 1939 Sat. P. M.

Dear Hermann: Have just finished reading your galley. Will you please let me know about this Hibiscus as soon as you can conveniently do so. I have no idea what is the matter with Wilson. He was here on Mch. 21 and brought some galley and I have not heard from since. Got one lot of page proof yesterday. I sent some of the galley with those large common names ^{etc.} to Science Press and I asked them to print me a sheet of the scientific names and omit the text on some galley I sent them, including some galley that had the hybrid signs on of both upper and lower case. Sent in on April 11 via Air mail but no reply yet. I told them it was a rush order. When I hear from them I am ready to take the matter up with Wilson for a fight. My notion is that the printer is going right ahead with the big type and the next time I hear from him will be when the book is in galley. They said it would cost \$400.00 to make changes when the book was half done. You see if they get it done the cost to make changes will just be too high to have it done, yet it ~~xxx~~ is all their error. Now since Wilson has faithfully promised to come up the week end (Friday) for the past three weeks looks to me as if he is double-crossing me. If he was interested in the change that he would come up. I gave him the ultimatum about three weeks ago. That if he could not do any to see the Governor and Printing Board and make Burford come across.

Well Hermann if any one accuses you of not reading the last galley, every word of ^{it} and intensely, let me know because I know you have, although you passed some bad ones but you caught more than all of us.

Well right here I was called away for 2 hours, so I will close
Chas. C. Deam.

STATE OF INDIANA
CONSERVATION DEPARTMENT

Repl. 4/20

DEPARTMENT OF PUBLIC WORKS

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Bluffton, Ind.
Apr. 18 1939

Dear Hermann: I am sending the Printers copy of page proof. Harriet, Weatherwax, and I have read it. Weatherwax probably very hastily read it because he found only a few things. Now all the corrections are on this copy so if you find any thing it will be new and above all of us. This is a kind of try out. Trouble is I am the only one on the ground floor and am sure just what we want. Harriet at least knows we delete hyphen between fractions and place a copy after flora, and after Man., in B. & B. and Gray Man. Now I must go over the scientific names after it is decided just what type we will use. Doubtless I will have to give in and we will use the "over sized" we are now using. In a few places the common names and scientific introd. names are caps. These ¹ will weed out before the copy goes to the printer. ~~Too ¹ doubt if I send in any more page proof until I get the galley~~ I will have to send it in in order to get the page proof of the excluded species

I guess ther is nothing to add, Best wishes, I am sincerely yours, I enclose page with a few items on I took while reading the proof I am sending you.

Oh as.C. eam

Bluffton, Ind.

Memo to Hermann

3
Do you guarantee, swear to it and underwrite it that Cabomba is a native plant of Michigan. I rather doubted it came as far north as Ind.

Write Gray, Man., 7 and B. & B. Illus. Flora, ed.2. Do not delete the commas after man., and Flora,.

Please note the latest GPO writes Pacific coast and Atlantic coast, l.c.

2
In the beginning of the line on general distribution, I do not think it is absolutely to begin with a full word. We have been expanding S. to southern, W. to western. I do not believe this is necessary. Only to ~~provide~~ prevent wrong ideas. To make the change we must often reset two lines. Our change expense is going to be something enormous.

No
At fear of repeating I again inform you what I wanted in the botanical names Bold face was for all native species
Entire name for introduced and common names to be of same size type and in small caps. Just as Gray Man has it. Now Burford our State Printer is using bold face O.K. but when it comes to the introduced plants and common names he is using an unauthorized size of type which I will have to accept. Wilson Assist State Forester who is playing that he is a good friend of mine is double-crossing me. I received a letter from him Tuesday in which he said I might just as well give in because Burford can not furnish the kind of type and it would now cost 400.00 to make the change. I kicked on receipt of the first galley, so all they have set since that time is unorthodox. Trouble is that I do not deal directly with Burford but I write the State Forester and then they take up the matter when they can dam please. Wilson was to be up here last week and again wrote me the first of this week that he would be here the last of this week. Neither have I received any proof now since Mch 13 from there. So I went over to Ft. Wayne and talked to the Manager at the Ft. Wayne Printing Co. He said they did not have the kind of type I wanted but that if they received a job like mine they would step over to a print shop and buy the kind of type I wanted. But Burford has a new machine and they want to set all type on with this machine. You would be a dam fool if you went to your grocer and ordered some apples and when you got home and opened up the sack and found oranges with a note, We do not have apples but send you oranges. That is my deal exactly. Doubtless Burford is still going ahead and when I next get the next installment of proof the galley will all be in. The forestry office hold the proof which comes in about 10 page installments in a separate envelope until they get about 4 lots and then forward. Why not send each installment as it comes out and why not settle this kind of type to be used so that proof readers will have less work, etc. I say dam em in a circle and keep on saying it. If it was not for the separates which I plan to spring on Wilson the last minute I would tell em all to ho to hell for Florida with the rest of our State Officials. The Governor, his Secy. and Sim one have been in Florida for weeks and just got back if I contary Wilson he may pinch off or reduce the number of Separates. When I resign my position I want to broadcast some. I think I shall deed all my property to my wife so they can not collect from me for damage suit. I sign off on this saying dam.

Received Fassett's Leguminosae yesterday. In Press Work he is following Gray Herb. verbatim. This Rhodora 4:10 (1950.) type of citation just infuriates me, especially since it is awkward and not according to the way the Botanist and zoologists cite literature. At least Fassett has not inaugurated anything new. I must write him and I think I will take a copy of what I write him and it you. An assistant has probably done a good OVER

a good piece of research work on trichomes which as I hastily glanced at the book is not co-ordinated with the text so as to be of value. Too I think Fassett has been too brief in his discussions. In my Flora I all the time have kept in mind making the book as small as possible and in only a few cases have I digressed where I though I had some data. But Fassett did not to economize on space in keys or in text. Of course when I write him I can not in the spirit or language I talk to you in. What I write you I always expect you to use your judgment in how to broadcast it if you say any time.

Say I read with interest what Bartlett is doing on a Flora of Mich. Fine, but the big stinger is that few people can even work up a family satisfactory with out all of the specimens at hand, and then there is that back ground of years of field study needed to make a worth while write up. But if Bartlett can draw a base line like I have attempted, it will be something. Of course if he would like to stampeede it thru he could get it out by this time next year. If assignments could be made now and let them have the summer to complete field notes and turn in the Ms. by Jan. 1 then he could come out 8 mos later. The Flora of Indiana will help him in distribution and probably in suggestions. God be with him and let him give us a good Michigan Flora just like Hermann would have done.

In regards to arabis as a common name will say I do not find the genus so used. Webster you say uses the Cap but Webster does not use the name as a common name. I am trying to consistently use all common names in the text with lower case. This "rose, this pea, this sunflower, this mulberry, this panicum ??, this bromus, this poa, etc. Now as a matter of fact I have not as yet used a generic name as a common name if I recall and since it may get me into trouble I will detour and delte them. So I will change this arabis to this species. What say ye? Yes

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In regards to *S. purpurea* and *S. gibbosa* will say I have seen *S. purpurea* var. *gibbosa* as a synonym of *S. purpurea*. *Bartonia* is a rare publication in libraries? so I just omitted. I will at your suggestion make var. *gibbosa* I mean to write it just as Wherry writes it (meaning a subs. or what not) I do not like Pennell and Wherry's way of trinomial names. Wherry in his key says long leaves and short leaves, glabrous and pubescent Mine are all short leaves and glabrous so you see Wherry's key crosses in my plants.

I have filed with my plants Wherry's Reprints: Plant Ecology. Wash. Acad. Science, 19: no. 17, Oct. 19, 1929. Also his Distrib. of North Amer. Pitcherplants, reprint of North American Pitcherplants, pub. by Smithsonian Inst. Wash. 1935

I do not understand how you get so many references. Do you have a card index of literature to species like I have of Indiana? By the way

I received from Weatherby in same mail today the same proof and I find that Weatherby does not mention any change a.k.

Sweet Gum (Sweetgum of Standardized Plant names) This is to call attention to the one word business. I should probably have said sweet gum is Webster and I do not refer to red gum of foresters

Coulter, Catalogue. This to make it uniform with Deam, Trees, etc. and others

Many thanks for your careful reading. It is almost amusing to see how you catch one error and pass up a bad one nearby. We all do this and I am sorry I am the only one to get the kick out of it. Well it should not be so very bad in the end. Best wishes, I am sincerely yours, Chas. C. Deam.

6. × *Betula Purpúsi* Schneider. (*Betula lutea* × *Betula pumila* var. *glandulifera*.) This is a natural hybrid. I found it in a tamarack bog about a fourth of a mile north of Mineral Springs Stop on the South Shore Electric Line, in

× *Dryopteris Goldiana* × *marginalis* Dowell. This hybrid was found in Martin County by R. M. Tryon, Jr. (Amer. Fern Jour. 28: 74. 1938.)

1. *TRIFOLIUM ARVÉNSE* L. RABBIT-FOOT CLOVER. Map 1216. In dry sandy soil along roadsides and in pastures, open woodland, and fallow fields. Nat. of Eurasia; Que. and Ont. to Mo., southw. to Fla. and Tenn.

2. *TRIFOLIUM PRATÉNSE* L. RED CLOVER. Map 1217. This species is much sown for pasture and fodder and has frequently escaped in all parts of the state

3. *TRIFOLIUM RESUPINÁTUM* L. STRAWBERRY CLOVER. This species was discovered north of Indianapolis by W. N. Clute, May 9, 1932. He says it occurs

2. *BROMUS TECTÓRUM* L. DOWNEY CHASS. Map 121. This species is now found throughout the state and has become a pernicious weed in all the northern

3. *BROMUS INÉRMIS* Levys. SMOOTH-BROME. Map 122. I do not know that this species has been intentionally sown to any extent in Indiana but it is now

4. *Bromus ciliátus* L. FRINGED BROME. Map 123. Infrequent in marshes and springy areas of the lake region. I found a specimen in Steuben County

5. *Bromus latiglúmis* (Shear) Hitchc. (*Bromus altissimus* Pursh, *Bromus purgans* of Britton and Brown, Illus. Flora ed. 2, and including *Bromus incanus*

Last Tuesday I made up my mind to send to Science Press some of the Galley and ask them to print for me a few copies of the Scientific names.Etc. That this book was to be like the Grass Book.

They write the grass book was printed 10 on 12 and that the present proof is printed 11 on 13. So I presume I am stuck Boubtless they now have all the proof done and are afraid to send it in until the book is finished so as to have a club over me. Presume I will have to give in and have this larger size type to go out. It will increase the size of the book probably 100 pages but that is all to the good for Burford. Think we have a change in politics here now (for the worse) The Democrats have just elected a new Chairman whose hobby for the past 20 years has been prize fighting and he is a lawyer too boot.

Keep this. Cut off what I wrote
for your peddle etc

Bluffton, Ind.

Apr. 9 1939

N. C. Fassett,
University of Wisconsin.

Dear Dr. Fassett: I have found some leisure in which I can tell you what I think of your Leguminosae of Wisconsin. To be frank with you the book is so far ahead of all competitors that I must bear down on you very hard to make make a ^{dent} ~~print~~ in you.

First a book may be divided into the body(text) and its dress. The printer has done an excellent job, either directed or not directed. I refer to the color of cover, kind of paper used and size of book. I note the style of type is new to me. I wonder what offense the "t" has committed that the top must be scalped off. It seems to me that this is entirely wrong. It adds nothing and does probably in a modified degree lend to confusion,-retarded reading. Well if that is all I would have ^{no} ~~no~~ kick about in the Flora I would regard it perfection. The type to be used in the Flora of Indiana is now in controversy. I can not get the kind I want and the printer is trying to force me to take what I do not want. I hope I win out but doubt if I can. I am glad to see your printer uses the multiplication sign instead of the x like my printer has done but I have called him on this and I will probably get what I want. one of

Now as to the body of the book it seems to me to be the best books written on a taxonomic group. I place this work in the class of Pennell's Scrophulariaceae. I admire your bravery in coming out and saying ^{what} ~~what~~ you think. Nothing is more disgusting for a reader than to find where the author hides behind something and you are left defenseless and have to guess at the

meaning. I think I shall call attention to the fine things first. One thing that means most to me is your species distribution maps. This is a real contribution. You tell where your data came from and we are safe in accepting the map as representing all the specimens listed in the herbaria you examined. Your state maps are also fine. I am glad to see that you do not try to represent distribution of two or more species on the same map which always irritates me. I know the excuse of economy but the confusion more than offsets the gains. Then the drawings are the best I have ever seen. They are surely "tops" in representing what you wish to show. This comes from your ~~tanish~~ technique, long experience, and careful work. Some of the maps are real marvels of excellency but you know how to make a picture.

Now when it comes to your keys I will be frank and say I do not like letters before all the leads. I think they are confusing. It is all right to use letters or ^v figures for widely separated leads but I do not like them at every lead. Now you are doubtless right because your teaching experience should be accepted as a rule in making a decision in this matter.

I have found no typo error. My eyes hurt me so much all the time I can scarcely read and right now I have to be a squinting to write. As soon as the Flora is off hands I must give my eyes a vacation. I am now considering a "nudists" camp". A change of scenery may help em.

So far as I know your nomenclature is up to date. We have agreed on the valuation of certain varieties and forms except I see you recognize *Lupinus perennis* var. *occidentalis*. I went over this when I was writing the text for the Flora and I came to the conclusion that it was only an extreme of the species. As soon as I can spare the time and my eyes will permit I will go over my specimens and see what they look like with your measuring rod. I am so sorry that Wisconsin does not have some of the problems we have. You escaped several bad ones. *Desmodium Dillenii-paniculatum* complex. I see to my great satisfaction the way you handle *Lespedeza capitata*. Wish you would have had *Lespedeza Nuttallii* and *L. Stuevei*. You evidently do not have the ascending, narrow-leaflet form of *Lespedeza violacea*, which I think is a new species.

Fassett-3

I note you do not interpret the word seed as [^] do. I am using any number of individuals of one species as "seed" and any number of individuals of more than one species as plural "seeds". This ~~may~~^{is} be a subject of choice, like the feller who kissed the cow.

I note you omit general distribution: I regard this worth while, especially in a work of your kind. [^]n this I may be wrong because I am a "hound" for distribution of all kinds. Also marking the accented syllable I think worth while.

I see that in Introduction you do not recognize Webster, Government Style Manual or Standardized Plant names as Gods to which you are subservient: Well in this you and I differ but you are an educated man, backed by a high grade institution while I am a student of the School of Hard Knocks and I can best get by?? if ^s ~~is~~ [^] have something to dodge behind. In so doing I am pinning on some new gadgets that will give reviewers plenty of fire for a

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review.
Well no matter what faults one may have with your book they are so trivial that few will ever notice them and ~~none~~^{readers} no one will lose any thing by them. I do not know your aspirations in writing but I only wish you could pursue your study of the Leguminosae east of the Mississippi River or probably westward to Meridian 102. What we need in Taxonomy is revisions and monographs, accurate as yours and if possible as well illustrated.

Now I am hoping you will live long enough to the Flora of Indiana and when you do please calm yourself and do not blow up. Consider the source. I have done my darneest as you have done. No one could do more.

I note you have trouble in segregating introduced from native plants. I note what you say about Crotolaria. I note how you handled Cassia marilandica-Medageri. If my maps were not engraved I would follow instead of Fernald.

Well Fassett I will say I thank you for your contribution to the subject ^{of} botany and I know that all botanists will do the same. Good work like yours will always stand. Best wishes, I am sincerely yours,

Addenda: I did mention that I would have preferred a summary of genera, species etc.

Vol. no. not bold face

Oversize of book (Royal Octavo). The book is just 1/8 inch too high to go into my shelf with octavo books. They are like Liber had my books printed in but believe me the Flora of Ind. will be a standard size Octavo.

Antiquated bibliography of Gray ^{Herb.} and Gray Man. Fassett always keeps close to the Life Boat (Gray Manual, except once he rocked the boat when he tears away from ^{Fernald} in ^{Cassia} marilandica,?

Omission of authors names after generic names (titles)

Placing commas after scientific names, to be followed by citation.

These are not all but some of the outstanding things. Of course these may be wrong. I am judging by the Ind. Flora standard.

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Repl. 3/30

STATE OF INDIANA
CONSERVATION DEPARTMENT
DEPARTMENT OF PUBLIC WORKS

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Bluffton, Ind.
March 27 1939

Dear Hermann: I am about all in but I will briefly answer some of your queries on proof. which I just received.

The Dr. Just proof I sent on to him. Too crude for me and if you had seen the original Ms, you would have had a guess where it came from, college, University of highschool. He gave me permission to make it agree with the Ms. so I made such changes in phraseology as to bring it into line but I did not change any of the content of Ms. I received in this same mail, Weatherby's proof and comments. I regret Weatherby is not at all

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impressed with the profundity of the Ms, and ends up, let it go since Just is held for the Ms. Well by coincidence when the Proof came, Wilson came in about a half hour afterward and I had digested enough of it that I gave up and I suggested to Wilson that he take the Chenopodaceae back to printer with him which he did. I have not yet received a new draft of it. I tell you Hermann I am about fully crazy and worst of all my eyes have gone back on me. I read only 8 pages of galley yesterday. I do hope and I get this book off hands before I die or go blind.

Now you note all the time in proof that ungodly size of type for common names and introduced species. Wilson can not get those guys whipped. Here is the whole trouble. I indicated a certain size of type and the new machine they(printer) has does not have that size type on it. They claim they will have to set the line that contains the common name, etcin by hand. I do not give a dam how they set it, by hand, machine or some other New Deal way. When they took the contract ^{bid in} nothing was stipulated about the Ms. or how the Ms was to be set. Burford has made a million in the past few years by beating the State and I am standing my ground. I may OVER

have to ~~yield~~ but why should I do so in order to make Burford a few more dollars. So when you come to those common names, etc. just write W F. wrong font. That is what I am doing and they know what I want.

Answer to you notes; ^{Urtica} I agree with you but Gray & B. & B. accent the name on the ante-penult which is the Latin rule I believe

The same with Pilea. Gray Pilea and B. & B. Pilea. I adopt the B. & B. accent

Here is a decision you may not have yet had.

Gray, Man., ed 7 and B. & B. Illus. Flora, ed. 2. Add the commas after the Man, & Floa.

Delete commas before "or". I did not get this until after the Ms. was written. I tried to correct the Ms. but I missed some. If "or" is followed by a sentence then precede or with a comma.

Polygonum (sect. Aviculare is a mess and I may be way off on it. Doubtless

Polygonum erectum is a bluish green plant in the field but in the herb.

my plants are all yellowish, so I have deleted that color factor in the

key. You can keep this well in mind when collecting and make note on

label of color. I have not yet found what I think is P. achoreum. I do

not now recall what is the matter but I have a faint remembrance that Blake

did not finish the job, so as to exclude other things.

The one trouble with students of Polygonum ^{and} studying the Aviculare Sect. you do not take into consideration the lengthening of the achene in the autumnal phase which throws a wrench into the works.

Well I will make this short. So I will sign off. I hope you can stick to the job until the end. I need you and Weatherby to see this book off the press.

Sincerely yours,

Chas. C. Deam
Bluffton, Ind.

STATE OF INDIANA
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Bluffton, Ind.
Mch 9 1939

Dear Hermann: I am sorry to hear that you went to Georgia in the winter to collect *Carex*, etc. When we came thru there in Feb. 23-1938 it was winter and we saw practically nothing in bloom. I hope you have better luck.

That darn man Wilson came this morning lugging in three lots of galley proof and wants it back as soon as possible. I suggest since it costs you nothing to return it that you send each lot back when read.

I fear I will have trouble. My eyes have gone back on me

Best wishes, I am sincerely yours

Chas. C. Deam

So some of it has been in his office 1-2 weeks

To begin with I see you have read these pages. You find all we have and more too. You make a mighty good point in calling a "specimen" a herbarium specimen 'technically one might get by the way I have but it far from good diction. This is a good word to add to that list of wrongly used words. I do hope my Ms. will give you sufficient material to write a good paper on botanical diction. I will keep this distinction in mind and try to delete it in the ~~gila~~ galley as we go along

Rhod. 24:167-169.
~~Betula alleghansixxxx~~ no i in it. *alleghanensis* See B. & B. page 610

The under surface of leaves. I do not agree in making this plural "surfaces" Each leaf has only one under surface and when you say surfaces you imply that the leaf has or may have more than one under surface. I may be wrong but that is the way I think it. But I must use a singular predicate. Thanks Please note I made an error in the use of the "knobs", etc. Webster gives knobstone as a common word. Before I consulted Malott in Geol. of Indiana and he is not clear and consistent in the use of the term. So now I refer all to the knobstone although I think I can leave some places where I use the "knobs" stand but will delete if I can. "Knobs" is the popular or rather the local name of the prominent ridges of the area.

As to re-arranging *Quercus falcata* I think I will let it ride because Wilson is watching tear ups of copy, etc. As it is it is correct but awkward, consequently quite in keeping with the authors general make up.

Spiders eating Lemnaceae See L.E. Hicks Amer. Midland Nat. 18:778, end of first paragraph. Guess I will write Hicks and in text (....) it "according to Hicks.

Weatherby says author after var. *typica*, var. *genuina*, etc is O.K. or you can omit. In Introduction I say I use it (author) where I have seen it signed by an author.

As to the use of in or on borders I scarce know what to say. That might take some discussion. It seems to me that in -in most instances is preferred although on or upon might be substituted. The plant is growing in or within the area bordering the lake in a certain habitat. You rarely have laves with large borders of marsh and on one side a steep gravelly hill I will leave this for you to mill out. I feel too tough to struggle with this just now. I hope I will not be consigned to "prugatory" for the use of either although as you well know I am for standardization. You go to it.

Bluffton, Ind.
Feb. 27 1939

Repl. 3/6

Dear Hermann: According to my records you have returned me all your proof. I see I have not sent you any page proof. Will do so tomorrow? My eyes have been giving me trouble. Wife does all my news paper reading, etc. in order to save me. At that I must reduce speed and time and with blinky eyes you pass up too many things. Too I must cut short my letters as much as I can

I have gone over all your suggestions, etc. Thanks.

When you call attention to an error I change but if it can get by ^{not} without too much concern I let it stand. Gosh this galley looks terrible when all the proof readers corrections are entered. Fear Wilson will want to recall Ms. and have it rewritten. My consolation is that Weatherwax has been Editor of Proc. Ind. Acad. for several years and he says he often has to return papers because the English, etc is just too bad. Then when they are returned they could go thru another suds. So I guess when we measure up to a standard of perfection, it might be worse. Of course I have no idea how bad it might be if Weatherby read it carefully. He said he would give scientific names his attention but he catches a lot more. "all we will do our darrest and I guess that is all any one can do. I sure would like to get thru. Burford's are stalling. ^{is} Sent back two lots of proof (galley) today that has been here 26 days. Next lots will not be out so long. This Carex business what got me in bad. ^{lip} Keep a stiff upper and do your best to smile. Oh I like this kind of a fight if I was feeling like a fighting rooster. But when you are on "relief or W, P.A. like I am it is not so good.

I made a heck of a mistake in not reading the names on the maps with more care. In 76 pages I find 18 errors. mostly deleting periods or omission. These are not so bad but I have quite a number of authors to change and these will cost 2,00 per map. It now looks as if I will not be an angel in the next world, based upon my present record.

Sincerely yours,

Chas. C. Yeam, Bluffton, Ind.

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DEPARTMENT OF PUBLIC WORKS

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Bluffton, Ind.

Feb. 14 1939

Dera Hermann: I just received the Feb. Rhodora and I see where the Farwell fire came from, also the Svenson stuff. The devil of it is that my Eleocharis is already in galley. Epling has published on Scutellaria so that causes some changes.

I just write you to let you know so that you need not write me Gosh I now have enough stuff here to keep me a week. Trouble is my eyes will not permit me to work all the time. I must be very careful so I do not strain em too badly or I may have to lay off a month or so and the book can not go on very well without me

Before I return the Carex galley I will send you all the corrections on the Carex part of it for your final decisions. Doubtless some of my corrections may peeve you but you can delete them if you wish. I am only striving for uniformity in the book. After reading so much proof I am getting accustomed to see the name of color not attached to the color and the hyphen out of fractions, etc. Gosh we sure are much creatures of circumstances and environment.

Well I will take up with Hopkins the Arabis trouble and will let you know his decision on the matter.

Best wishes, take care of yourself, and hope for better times in the near future. Just received the proof from Weatherby, galleys 58-85. Have not even looked at them yet

Sincerely yours,

Chas. C. ^Weam

STATE OF INDIANA
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Regl. 2/27

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INDIANAPOLIS

Administrative Officer
V. M. Simmons

Bluffton, Ind.
Feb. 22 1939

Dear Hermann: From this on I will try to keep a better record of the coming and going of proof. I must take up the system of the train dispatcher so I will know where the darn proof is at.

Well yesterday I had Weatherby's return on Juncus. I am sending it to you with my copy (printers copy) Wish you would go over it. You will have my copy and Weatherby's. I do not have your copy as yet. Now if you prefer you can use my copy and place all the corrections on it in black pencil or check those on the Weatherby sheets you wish me to add and of course I can add what are on your proof.

Burford is now getting anxious to push this matter. You note I have so many page numbers to insert in the proof, he can not begin to publish until all the page proof is in and O.K. He says he will have over 6000 pounds of metal tied up. So now they want speed. I am doing my best. I never will get caught up any more. I now have to put on the heads of page proof and index. Of course the indexing I can put off and do as spare time comes along but my eyes I fear will place a speed limit on me.

Well I will close this and send proof this P.M. Wife is now up town for our mail (Old George Washington did not need to stop the mail)

Just received Hopkins reply to Arabis Deamii. He says it it stand. Farwell is off. Hopkins is writing a rejoinder to be published soon.

Yours,

Chas. C. Deam

Dear Hermann: Here are some give me's.

I just received the Jan. Taxonomic Index. From it I see I can not cover all the ground any more. I am wonder taxonomy of this part of the U.S. I a light now and then. What I want to give me the latest and cite any cites Ind. specimens please these will be rare. However in last a Monograph on Crepis, article no give the collector, and county, etc. Epling in Article 28 has rev some of my specimens since he had

I did not know that Lloydia was subscribe to it but old Just will so I will have to subscribe.

I see that E.L. Clore in Article I never heard of this publication.

Article 56 I see Wolf has monographed Rhamnus. Wonder how he treats Ind. species. Does he cite Ind. plants or change names?

This is a big order and if I continue you will throw me out

REQUEST FOR BOOK

Author Babcock E.B. and H.L. Stebbins
(Surname first)

Title American Species of Crepis
Carnegie Inst. Wash. Publ. No. 504:1-199.
1938

Date requested 2/13/39

Do not write below this line

U. S. GOVERNMENT PRINTING OFFICE, 1937

From

*not yet recd
has not
8/28/39*

F. J. HERMANN
Bureau of Plant Industry

For
8-1761

Dear Hermann: Here are some give me's.

I just received the Jan. Taxonomic Index. From it I see I can not cover all the ground any more. I am wondering if you plan to keep up to date on the taxonomy of this part of the U.S. If so may be you would be willing to give me a light now and then. What I want is if any author changes our botanical names to give me the latest and cite article, as Tax. Index, Jan. art.? Also if any cites Ind. specimens please give them in full so I can record them. Doubtless these will be rare. However in last Tax. Index, I see that Babcock et al have a Monograph on Crepis, article no. 13. Do they list any Ind. specimen please give the collector, and county, etc.

Epling in Article 28 has revision of Salvia and doubtless he quotes some of my specimens since he had all my Salvia.

I

I did not know that Lloydia was stated yet. I hope I do not have to subscribe to it but old Just will get some article in that will interest me, so I will have to subscribe.

I see that E.L. Clore in Article 62 has published in Lilloa 3:5-29.1928 I never heard of this publication. He had better stick to his own magazine

Article 56 I see Wolf has monographed Rhamnus. Wonder how he treats Ind. species. Does he cite Ind. plants or change names?

This is a big order and if I continue you will throw me out

Memos to Hermann

You mark all excluded Carex with Caps and s.c. Now this means none of the excluded species have a range that includes Ind. Be sure of this. I do not have the page proof of this except the printers page proof and it is at Indpls.

Also Juncus excluded.

I leave Polygonum atlanticum in bold face. Bicknell in Torrey Bull. says he has seen typical specimens from North Dakota.

Dr. Mellette who is making a study of Polygonum Sec. Aviculare says I do not have P. aviculare (typical) from Ind. Since Peattie reported the var. arenastrum I think it best to let it go as occurring within the area which includes Ind.

Sept .29 1939

Dear Hermann: The proof here O.K. Thanks. Let us have the next lot as soon as you can and oblige. Then too look up the Epling Salvia paper so if he cites Ind. plants I can put paper in bibliography and if he changes the name of Salvia lancaefolia. He said he would change it but I do not know if he has published on it yet or not. Fernald's Rhodora made about 10 changes. Wilson has not been here for over 2 mos. but I found Simmons up town yesterday and I had him come out and had a talk with him. Had to be diplomatic but I would like to have blowed up I do not know if Wilson will make me 10 more maps or not . Otherwise I will just have to add foot notes, etc.

Now I am so sleepy I can not stay up longer. I have nothing to write so here is where I sign off.

Best wishes, I am sincerely yours,

Chas.C.Deam

Recd. 10/3

Put it down I am crazy and read on. Last year in Harrison County I dug four sterile specimens of *Thalictrum perelegans*. I was there so late I could not tell the sex of plants. This year when they blossomed I was disappointed to find I had all staminate plants. I made specimens out of two of the plants and I now have two shoots from the roots and about 15 inches high and both are pistillate. Can you beat it. Did the cutting off make sex reversal? or what. Schaffner change *Urtica* but I have now forgotten how and what happened. Better not mention this to any one for fear a sanity commission will wait on me. Now all I can do is to mark the plant and try it over next year on the whole bunch. I planted some seed last fall and I now have about a dozen seedlings. Next spring I will plant these. I feel certain I dug the plant that had the seed on last fall but it turned out to be staminate this summer.. I swear I have not been drinking any thing but coffee and water. Tomorrow I go on decaffeinated coffee because I am supposed to go onto a purin free diet, -as near as possible to get rid or mitigate the arthritis. I will try to follow up this pipe dream and see about this sex reversal. I have taken up *Thalictrum* as one of my pets to fool with. I now have several rows planted. Hard to get all the species. I bought *Thalictrum polygamum* from the Vermont nursery. Made specimens but I have not yet studied them. So if you have any *Thalictrum* seed send me a teaspoonful, especially of the mountain type.

Last week I had a S.O.'s letter from a J.T. Baldwin, Jr. U. of Mich. Dept. Botany for seed and live plants of *Penthorum sedoides*. He asked for seeds of it. I wrote him. I made two trips to the country before I found it. Too late in the season to find it, but I got two lots.

Adios.

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Division of botany. In its Ann. Rep.
53(1933/34): 24-32. [1935] (100N48)
F.C. Stewart, M.C. Munn, chiefs.

Andes, J. O.
Sour-cherry spraying. Tennessee Agr. Exp.
Stat. Circ.50. 4 p. illus. N.1934(100T25S)
Leafspot control.

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Onderzoekingen over nitrificerende bacterien.
Delft, [1934] (57.52B63)
Proefschr. Tech. hooges. Delft, 28 Juni 1934.
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Beiträge zur kenntnis der saponine. [Wien,
Buchdruckerei B. Bartelt (A.C. Trupp), 1934]
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Sonderabdruck aus Scientia pharmaceutica,
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The cultivation of mushrooms. new and rev.
ed. Worthing, Sussex, 1934. (91.7D24)

Domingues, A.
Esbôço, de um glossário de fitogeografia. Organ-
izado por Alpheu Domingues... Com um prefácio de
prof. A.J. de Sampaio... Rio de Janeiro, Dire-
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cidade, 1934. (452.12D71)

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by members of the Kenya horticultural society and
of the Kenya and Uganda civil services. London,
Longmans, 1934. (90.3J55)

Katz, N. I.
Atlas rastitel'nakh ostatkov v torfe (Atlas
der pflanzenreste im torf). Moskau, Sel'-khozgiz,
1933. (402.1K15)
Russian and German.

Mez, C.
Bromeliaceae. Das Pflanzenreich h.100, lfg.
1. p.1-160. illus. N.1934. (452En3P)

Rec. 10/13

*The name of my specimen (Viburnum) is not in the list. I have my copy of the book.

Did you read in Oct. Scientific Monthly Carl Epling: An approach to classification. Wife started it but would not finish it. It seems to me to be way over my head. My eyes do not permit me to read at all

Memos on proof just received.

Lake, Pond, and swamp. The GPO on page 33 under geographic names uses caps for the first and swamp is omitted. That is my authority. You were keen to pick this up

Head. A dense cluster of sessile or nearly sessile flowers. You object to definition. I think the word sessile separates it from fascicle or glomerule

Legume. You say to add "and dehiscent along both sutures" but we have non-dehiscent legumes which conflicts with your suggestion

Thanks for the rugose accent. Harriet did these and it may be it is the printer's fault and we did not catch it.

In regards to the double authors will say I have looked this up and I find that up to date publications use a comma after first author and remaining authors are written in regular form as Deam, Chas.C., and F.H. Hermann and if three authors the last is added by ,and, This the way in Amer. Jour Bot. and Biol. Abstracts.

Amer. Midland Nat. ditto except they have no comma after initials of first author. I was astounded to see in Bull. Torrey Club Bibliography at the end of each number, reverse all names and use the ampersand for the ~~xxxxxxx~~ third author. By gosh when you investigate things the darn lot of club foots you find. Gosh the mine run reader will never know how many crooks there are in the road until he makes a road. I am changing all to agree with Biol. Abstracts. I have followed the Bio. Abstracts in all things I could and I think the Amer. Jour Bot. follows it.

Also I just noted I had not headed the pages bibliography which I must do to make it look right.

Letter

Well many thanks Hermann. Now the first run of page proof done. No word from Indpls as yet

Say did I tell you Gleason is revising the genus Viburnum, at least of the Gray Manual. He has had my specimens and today I get a letter from him and he says he finds little difference between V. Lentago and prunifolium and ruficulm. That it will be necessary to make some changes in names of the V. pubescens Deamii and Indiananse. and others. I do not know when or where he will publish but we are in for some more changes. I sure want the Flora to get out. I got Rhodora today which changes Ophioglossum vulgatum to a variety. I can catch this one with a foot note. I scarcely know how to word the footnote. It would be wrong to say: This name now becomes, so and so I have made a few footnotes and I have expressed it this way. The latest name for this species is:..... (Rhodora, etc.) Give name and citation. The first way smacks of authority and the second is only a printed reference. Do you have a better expression. I do not like either but it must be short.

Well I am going to sign off. I am sleepy and at that I must take a hypnotic to get to sleep. Fine weather here. I collected specimens today. I now have an Ulmus serotina Sarg. in flower. I made but one specimen. Think I will make some more a little later (one for you) Ulmu s parviflora are now half grown (samaras) Best wishes, I am sincerely yours, Chas.C. Deam.

Page 10/12

STATE OF INDIANA
CONSERVATION DEPARTMENT

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INDIANAPOLIS

Bluffton, Ind.
Oct. 6 1939

Administrative Officer
V. M. Simmons

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Thurman A. Gottschalk
George H. Newbauer

Dear Hermann: Your letter, card, and proof here O.K. Many thanks. Now do not rush yourself on the other. God only knows when I will need. Wilson was up day before yesterday and he brought up here the maps asking information on them. The engravings should have been made 10 weeks ago. He is the worst irritation I have ever had. I do not understand him. I think he is absolutely incompetent. He does a thing after his attention has been called to it a half dozen times or more. He says the corrected proof ~~xx~~ is all over to the Printer. If he had it or I had it I could enter a lot of corrections on this page proof that must go on the third page proof. He now tells me that the engraver can strengthen all the periods on the maps and I think he is going to have them go over them all again. He said his office force could make the engravers proof but I wrote him last night to send the proofs to me because the office force will have such as Presl and others with a period. There is one good thing. This has not taught me to swear because I could do that before but I am sure I am now more proficient at it provided that mental swearing is effective.

Many thanks for the card on *Salvia*. I will try to get this in at least on a footnote. That map was to be made over and I have written if it is not done to change the name on it. You know this book is a matter of multitudinous details and those guys hate details like snakes and to mollify the irritation they just wait. Dam em.

I have entered the bold face on the *Carex* you mention. Those on the regular Ms. must be made on third run of page proof. I do not have access to them now. But on the excluded list I can make them now. I have made memos to make sure all are made. But you will get OVER

to read it all again. Now I am not certain I have had your O.K. that you would read the second run of the proof. I hope you will because my eyes are in a bad shape. One can not read carefully with a squint about every second and lay off about every page.

The Polygonum man is Dr. J. F. Brenkle, Melleete, S. Dak. He is a Chiropractic physician. I loaned him all my literature on Polygonum Sect. Aviculare and he has returned it all after having it 6 mos. I think he is O.K. How much he knows I do not know. He went to U. of Wisc. and Field Museum and studied their Polygonums. Probably Fassett could give some of the low down on him. He probably has no money, I mean his finances are limited. I suggested that he get photostat copies of all the original descriptions of the Polygonum and other comments on the species involved. He has Small's Monograph. I loaned him DeCandolle which has Meisner's write up of the genus. I also have Meisner's Monograph which is a rare publication but he did not care for that. I advised him not to publish until he had well studied the subject because of the trouble he would cause his successors if he was wrong. I also suggested I did not believe he could come to a decision until he had seen a lot of foreign material in addition to U.S. plants. It is getting to the point we should be sure what we shoot. The other day a man here in Ind. shot his son in the ^{head} head, thinking he was a squirrel.

Oh yes the worst has happened. Yesterday received a birth notice from L.E. Hicks and he has an 8^{1/2} boy and he has named him Thomas Edward Deam Hicks. Poor kid. Well I will send the infant a set of the Deam books and hope they will be regarded as historical (20 years from now) and not discourage the boy to study botany.

Well Hermann I think this about squares our account. At least here but I may have written you a dozen "give mes". I am sincerely yours,

Chas. C. Deam

Repl. 10/12

STATE OF INDIANA
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Administrative Officer
V. M. Simmons

Bluffton, Ind.
Oct. 3 1939

Dear Hermann: I have your letter of ~~2~~ Sept. 27. The proof came last week. Thanks. I thought I would answer your letter at once. My eyes are very bad and since I have nothing in particular to do I wish to get off hands every thing I can before something comes up.

I regret to learn of your physical trouble. Now young man you must take care of yourself and not use a coarse comb to rid yourself of parasites like myself but a saturated solution of a parasite specific so you rid yourself of all of em and have some leisure. Work for a living and pleasure and leave charity out. (My case excepted because you started mine before you made the wise decision). If you take on the determination and checking of every collectors plants you just can not do it. I know how facinating it is to look over plants, etc. Just yesterday I received a letter from Jacob Schramm, U. of Pa. and he and Ben Douglass in 1903 collected in Marion County and Douglass published on the list collected and in it are some bum reports so I had to delete them. Now the specimens are in the possession of Schramm's sister at Indpls and he gives me the ^{specimens} ~~specimens~~. I have ordered them sent to me to go over and then I will turn them over to Ind. U. I regret these come to me too late. Instead of excluding certain species they reported, they may be O.K. Well that is spilt milk.

The Crepis monograph I bought. I got skinned. I thought it was a monograph of the genus but I found out it was only of the Northwestern Species of the genus. My careless reading of Caption.

I will pass up the Epling Hedeoma business and not include in bibliog raphy. To just cite a state is not specific enough to admit. OVER

Thanks for your data on Lindera and Alnus. These will come up after I have "batted" so these are not my babies.

In regards to *Scirpus microcarpus* I leave it stand as it is and delete the general range. In text I say since the range is north and west of Ind. Ind. etc. I delete it. I can not find a range for it. Victorin does not list it in his Flora and almost all other floras are too unreliable it is best to delete the general arange. Gray, Man. does not give it so I guess this will satisfy you. I am glad you called my attention to it again. I just followed B. & B. Ill. Flora, a darn poor guide in the dark

You mention my remissness for not giving the author for var. typica. Here is why. Simply because I did not know the author. I have access to only a fraction of the literature of the day and when an author appended his name to var. typica I used that author. But when an author did not do so there is at least some doubt if he did not use the name and not use the authors name. Some author in Europe may have used the name typica or its equivalent and failed to give name of author. Again if the author used the name var. typica and not in bold face with no description or statement that what he wrote referred to var. typica, I omitted. Doubtless you are correct so I have gone thru the ms. I have here and added the author where I could. If you chance to have any names in mind please call my attention to them. I have just changed *Orobancha* species. Also all *Scrophularia*. Think this just about finishes the job.

I will try to get the remainder

Now at to the review for Ecology. It seems most fitting to me to secure a member of the Ecological Soc. I do not know if the editors taboo non members or not. Neither Fassett or Fosberg are members in 1937. I have gone thru the membership list and I find few botanists of note listed. Here are some. Butters, Conard, Korstian (forester), Jennings (moss man) Oosting of Duke U., Roseindahl, Sampson of Ohio State, Wherry. I have met Sampson and I think he is a well acquainted with our Flora. Otherwise

Yet Webster says Datum singular and data plural but data sometimes is used in the singular but Webster does not add, but it is used wrong. So in the use of the plural and singular of seed. Some will continue to use the two terms right and wrong. When there is agreement on the definition, then the offenders will stand out. Here are a few sentences

The sheep is lying down.

The sheep are lying down.

Sheep is singular in form but used both in the singular and plural sense and the number is distinguished by the verb attached. There can be no use of sheep, fish or seed with a verb.

The fish is swimming. That is a single fish is swimming.

The fish are swimming. That more than one fish of one kind are swimming

The fishes are swimming means more than one species. All other forms would be wrong.

1

The cherry seed is round while the plum seed is flattish. This refers to one seed or each of one species each

Cherry seed are round while plum seed are flat. Here more than one individual of one species

Cherry seeds are round while plum seeds are flat. This means more than one species of each. When the words seed and seed are used as above they have a definite meaning. If used otherwise you will have complications where you do not know the meaning. So why not have a definite meaning.

Now you please get this right and see if you can not see sense in it.

Well the Flora is still in Stato Quo. Simmons was here last week and I had him call here and I told him how things were dragging and he said he would see to it that things were speeded up. So the second day later I received a letter from Wilson saying he would be up the first of the week. I do not know what for. He has all the proof and maps. Well this is my baby

Well doubtless you are getting a great big kick out of working close at hand with a lot of botanists, pseudo botanists, et al. Doubtless too you have many visitors and you get acquainted with a lot of fellows. I am out here in the sticks and rarely see any one. You are the only real botanical correspondent I have and when the Flora is off you will gradually fade out. I still have some "give me" letters.

Bust sign off or I will be asleep. have been all day at this letter often and on. Last year I found a Rudbeckia in the flats east of Mt. Carmel Bridge. You and I collected there. This year I had 4 stems from the plant. I can not name it by a mile. Do not know what to do with it. May be Blake Blake might wish to see it. It belongs to the Section R. hirta, has long styles and recurved corolla lobes.

I know nothing of him. Forgot to look for Hicks. I know Rosendahl well and he and Wherry seem to me to be the best of the lot selected. Now I wish you would help me again on this subject.

I am glad you changed your mind on Fosberg. He is peculiar but I think he is a think ^{any} cuss at that. Svenson would be a good man but he is not a member of the Ecological Soc. When you go to picking some one acquainted with the Central States plants, that man Hermann is the best man on the job.

As to the Caps and S.C. for the botanical names for families in the Index I have followed your suggestion and make them bold face.

Mrs. Deam was off duty a half day with her accident. She is O.K. again and out to a lecture tonight.

I hate to break afresh an old wound but I am getting nettles on this seed and seed business. I am anxious to learn if you agree with me in toto or not. Did I tell you Clements was here over night and we visited the Oak Openings west of Toledo. He does not agree with me at all. He would not discuss the subject, he is a nice fellow but I do not exactly get him on this species business. You know he is a phyllogonist? if there is such a word. he is trying to merge vars. and species rather than keep them apart. I have no objection to any one seeing likenesses but I do not agree with them in dismissing them as one thing when any one can see that there are differences. U. S. money is an entity and the counterfeit often makes it so good that it is mistaken for the genuine but a study shows the difference. That is the origin of much of our trouble now in that botanists like Gray (older botanists) set off species as vars. giving a single obvious character but otherwise the plant superficially looked like the var. typica. But study shows many differences, etc. This occurs now all the time. So with the seed-seeds. The time has come to give more definite and specific meanings to words. You may recall a few years ago in Science authors wrote about datum and data and much was said on both sides. OVER



THIS SIDE OF CARD IS FOR ADDRESS

Digitized by Hunt Institute for Botanical Documentation

F. J. Hermann,
3179 Seventeenth St, N

Arlington,

Virginia

Red Streak Edition

Dear Hermann: I am sending you Weatherby galley and my own. You still have yours. I wish you would use mine (The Printers Proof) and put on it all the changes you wish. Those I now have on that you do not like, erase. I have added those that Weatherby sent that I did not have and made a memo on Weatherby's copy where I did not put on. Leave decision to you. I do not wish to tear up the Galley more than I have to. The synonyms he mentions you did not have and probably not needed.

We'll return both at your early convenience.

This Svenson business gets me. New maps. Who pays? Sincerely yours, Chas. C. Deam

Smilacina racemosa var. typica Fern. You delete Fern. I do not see why. He is the first one to set it off as a var. Of course Fern. does not affix his name where he sets it off but he says var. typica is our northern form which he describes in the running text. I have deleted Fern but I will be darned if I understand. Ossified brains are hard problems.

Leaf axils not one word.

I am changing all "believes" to think or I am of the opinion but the last too long so I just make it, think.

Well I have spent about 2 hours in digging into ~~xxxx~~ the way to connect synonyms. I ^{have} gone thru all floras I have and I find no fast rule. Fact seems to be every one has his own. Now as I see it a synonym is only a part of a sentence. The subject is The synonym(s) is Claytonia virginica. Now if you add additional synonyms, since they are the same in content, you separate then with a comma and the last one of a series with a ,and. If you have only two use "and" only. Now the G.P. ⁱⁿ ~~xxxx~~ I do not find a rule, but Van Dersal, Native Woody Plants of the U.S. U.S. Dept. Agr. Pub. Miscel. pub. 303, Dec. 1938 has two or more synonyms separated with a comma. So doubtless that is the U.S. way of writing them. It seems to me that good grammar will use and ~~and~~ to connect two and commas and "and" for more than two. I find no author who uses an and. I think when the Flora of Ind. comes out you will find one who does except in Carex and Juncus.

Say when I undertook this job I never surmised there were so many decisions to make. I guess it is better to be ignorant. Put this on your list of items to ~~arg~~ argue at some meeting, etc. I am treating you rough now because you are so far ~~xx~~ away. If you see Mrs. Chase and other acquaintances as a matter of gossip you might say I am now in a ^{psychiatry} psychiatris ward for observation. Do not my actions warrant such a statement.

Dear Hermann: It is now supper time, Sat. P. ¹¹. and I go up town after. Think I will mail this much to you so that you will have something to "ruminate" about. ^{reply} when you write

Sincerely yours,

Chas. C. ^Weam

Bluffton, Ind,

Georg Wahlenberg: Inledning til Caricographien
in Kongl. [Svenska] Vetenskaps Academiens Nya Handlingar

24: 138-170. 1703. (Stockholm)

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Memos to Hermann

Galley 71 C. chordorrhiza L.f. I have changed to L. f. Please refer to Gray, Man under *Carya laciniosa*, Loud. ~~fx~~ f. *Betula lutea* Michx. ~~fx~~ f. *Acer nigrum* Michx. f.. In G.P.O. they separate Jr. from the name as Marchus Lyon, r. with a space. If you say no, I will change back.

Note in reading ^{7th.} proof that Beam wrote, two synonyms are joined by and

Galley 80, *Carex* no. 91 C. *grisea* Wahl. In my list of Abbrev. I use Wahl. for Fred Wahlberg and Wahlb. for George Wahlenb(erg) Now I have looked in Fritzel and I do not find where either authors published in 1803. See Mackenzie N.A. Flora page 269 and House in Flora N.Y. 183. Now I have no idea which one of the Wahlbergs published in *Carex* or where. I have always relied upon Fritzel and upon Contrs Lloyd Library (they give a good list of botanical publications. If I use Wahl. and Wahlb. I must know which one ^{described} wrote the species. I do not recall how many "Wahls" are in the Flora of Ind. May be none outside of *Carex*. I do not now recall any elsewhere. But there must be more or Gray would not list both authors. I will keep this abbrev. in mind and try to locate the publication.

but since Gray uses Wahlenb. It must be that it was George Wahlenberg ~~fx~~ who is author of *Carex grisea*. Mackenzie uses Wahl. Of course I can see in my imagination of some amateur digging into this abbreviation, so you can govern yourself accordingly. I leave it Wahl. as you have it the damnation will be on you and not on me. Darn you. Gray, Man. uses Wahlenb. for *Carex prasina* and Mackenzie gives same paper for publication. *Carex Buxbaumii* according to Mackenzie published in same place.

I have changed the hybrid "of" to between very much against my better Judgment. You yourself are a hybrid of your parents and sorry withing you potentialities of both parents (no between business) Of always carries the idea of relation (I mean the popular idea) while as I see it the popular idea of "btween" means just what it says: Between to entities and not necessarily related to its neighbor. Now remember I am whipped into submission but not really whipped. May I suggest that you consult some geneticist whose reputation would suggest that he has given the refined definition thought. I myself would write to some one but I do not know to whom except Edgar Anderson and he never answers letters. Since I have submitted it will be "between" in the Flora and I thank you for your trouble to straighten this out. It seems to me that "the Soc. Genetics" should rule on this, the use of "of and "etw een".

Gray, Man. gives Man. as an abbrev. for Manitoba.

Pennell

221 *P. canescens typica*

222

britannicum (Pennell) Penn. comb. nov.

337 *V. peregrina typica*

342

palapensis (H. B. K.) Penn.

Repl. 2/16

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INDIANAPOLIS

Administrative Officer
V. M. Simmons

Bluffton, Ind.
Feb. 13 1939

Dear Hermann: Your letter and lot of proof, galley 58-57 came in this morning mail. I will send you the new proof that came today, galley 106-123

I have not yet looked at the corrected proof you sent. Last night I had caught up and I started to reread the galleys of the part you returned. I had read it twice and I found about a half doz. errors in the first three pages. Guess I am too dull to read proof. Got a letter last Friday from Weatherby that he had returned this lot of galley but it is not here yet. I will tell you this reading is interesting as a training.

I am surprised at your letter giving me the new changes by Svenson. As soon as I received the galley on Feb. 1 I sent him that part that pertained to Eleocharis at once. I have not heard from him yet.

Now as to the Farwell name I can not say. It seems to me I saw this write up somewhere but I can not locate it. Will you please cite reference and then I will take it up at once with Hopkins.

Got a letter from Dr. Just yesterday the first since last Dec. He says when he wrote his Chenopod paper he sent it to Aellen and he just had word from Aellen that the paper was O.K. except for the change of at least one name, Chen. leptophyllum and Aellen does not thing Ind. has the variety C. ambrodoides in Ind. So Just wants to delete that map and make the other change. What I fear is that Wilson, Assist. State Forester will get sore on the changes. OVER

I got a letter this morning from him in which he said he visited the printer and substituted my new write up of *Sorbus decora*, etc.

Well I must sign off and get to work. I do hope your nervousness has subsided. I hope my work will not aggravate it.

I think the *Carex* is in fine shape. Chestnut Oak Area is official Wilson has been monkeying along with those maps for almost two years. *and I do not yet have him*
If you use knob area put it in quotes although I think Malott in Geology gives Knobstone Area but not "knob" area. If you use "knobstone area" it is O.K. and should be used as a common word. *^* Maybe it would be better to use a cap on it Knobstone area.

I also have Wilson working on a State Map of Indiana. One that gives the names of all the counties and on the margin give Letters and Figures like ^K and ^M McNally with finding formula ~~so~~ so one can easily find the county. I think such a map important because we so often refer to counties and if reader knows there is a map with finding index he will refer to it otherwise the reader will not refer to it because it takes too long to find the county. This will be another new gadget to the Flora but not new so far as maps go but for Floras. Schaffner had a county map of Ohio but no finding formula

Oh about the excluded species of *Carex*. Yes I have them in the list of excluded species and numbered and I use a line for a species and refer to the page number you have. I did this so that your separate will be complete. I also plan to index your *Carex* separate. Darn it you deserve more than you will get. I also instructed the printer to begin your *Carex* with a new page and follow, next genus with new page. This will give your separate as a clava paper. Will do my dar^{est} to get it through. I feel like taking a club and go down there ^{clava} and mess things up but I am swallowing my pride, etc. I hope I can last it out and not choke

I am sincerely yours,

Chas. C. ^Weam,

P.S. Do you object to having them
I mean excluded *Carex* in your paper?

Bluffton, Ind.

STATE OF INDIANA
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Repl. 2/13

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INDIANAPOLIS

Administrative Officer
V. M. Simmons

Bluffton, Ind.
Thursday Feb. 9 1939

Dear Hermann: I have your letter of Feb. 6 and ^{note} ~~note~~ contents. I regret to learn of your state of health. Now must straighten up and take up your health problem first. ^{you} Recognize limitations. Now just must do this.

Yesterday I made some memos for you (more work). I did not mean it as such but when you chance upon the articles add my notes to the data you get.

Now as to the price on reading proof, you just let it go at any price per hour but increase the number of hours. You know I am so thoroughly disgusted with the Indpls political bandits. I must swallow my pride until this book is off hands and then I will come out in the open. I had a caller here yesterday and I surely did ball em out and I was sorry I did because I fear it may filter thru before I want it to.

Now as to your Carex paper, I think it best to send you my proof which has Harriett's corrections added. Please return it. Now Harriet brought up one thing. That is in the text we abbreviate all author names if we can and try to do so consistently. A few names we did not when it was easier to use full name rather than put the name in the list of abbreviations. Also we did not abbreviate ^{Richardson} Richardson so that it would not conflict with Richards.

Now ^{Schkurh} ~~Schurk~~ (god such a ~~name~~) we abbreviated to Schk. You spell it out. I passed it because your separate will have a very wide circulation and in your paper you have privileges to do as you darn please and do not forget that I know you will be horrified to see the hyphens in fractions used as nouns deleted. Webster says so. Wood ^y says no but when say a fourth and one-fourth there is inconsistency. There is an economic difference of two letters OVER

amount

which does not to a whole lot in this work but would to the engraver in U.S. Money. I am pretty well whipped in this whole matter. I am too old to fight. I would rather be a good private and follow authority than to buck authority. Too we old and young must or should recognize progress. It is amazing how soon you can get "used" to some other type writer(for example the omission of periods after decimal abbreviations now look O.K. to me after reading so much proof. So does Cauline leaves, calyx lobes, etc. better conserve 'ones' energy for work than for criticism.

Let me finish Schkurh. If you wish to use the abbreviation O.K. or if you prefer to spell it out you need not make any corrections. If when this reaches you, you have gone thru the proof let it go and I will catch it when I enter Weatherby's corrections. I know well you proof readers are at a distinct disadvantage when you do not have the Ms or duplicate. It is just too easy to slide over errors. Now Harriet concentrates on punctuation, you and I look for bigger game and pass up the punctuation. Now I have the added burden of consistency and my memory fails me so much but Hermann I begin to feel proud of our effort. I believe we will have a book worth shooting at. For the user to have the published reference with the species will be a great convenience and help to those who have library facilities. Trouble with the ordinary reader they will not even have Rhodora (Wabash College) etc. but we can not expect much out of the amateur class although they have their function. Now do not kill yourself trying to get this out. The guys at Indpls do not let it worry them.

As to Dr. Just I do not know where he is. I must soon find out because I want to have him read proof of Chenopods. I did not know Lloydia was out until I got the Taxonomic Index. If I was he I would have delayed and published the first number with the calendar year.

Now you take it as easy as you can and first of all your health.

Say I have changed my mind on sending you my copy of proof. I will send you Harriet's. Her errors are marked in blue and those she did not get are mine I have added. In the lot of proof she caught 148 and I caught 195 and Svenson still has the pages on Eleocharis. I did not count mine where I changed text, etc. Very best wishes, I am sincerely yours, Chas. C. Deam

Repl. 2/6-7/38

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INDIANAPOLIS

Administrative Officer
V. M. Simmons

Bluffton, Ind.

Jan. 30 1939

Dear Hermann: The last lot of proof came this morning. I will say it pays to have more than one read proof. It sometimes becomes amusing to see what you see and what the others do not. For example in four lines you caught an error we all passed over (omission of period) and in the next three ^{consecutive} lines you missed three errors that every one of us caught. You caught Contr. Nation. Herb. we all omitted the U.S. (this in another place). It seems that three of us would not overlook the omission of U.S. but we did

You ask why I do not give synonym references. When I started out I had every one of them and you came back at me telling me to delete Gray, Man. and B. & B. Illus. Flora in some places and not in others and I'll be darned if I could understand so I just cut them all except where you let them stand. Guess it is only a "sin of omission if any".

I have two of your letters here. I am going to read them and then answer. I learn that it is no longer for me to answer letters without ^{safe} referring to them.

Letter Jan. 26 Thanks for the corrections which I adopt.

Letter Jan. 10. Dr. Just is lost so far as I know. I see in Amer. Botanist he will soon launch Lloydia, a new magazine.

I do not believe there are any other items to answer.

I have no more Ms. Burford's have just quit. Wilson was here Friday Friday eve and he said we would be in Indpls Today and he would stir em ^{up}. Think he told them not to do any thing more with the page proofs until "i got the maps" straightened out. Wilson showed me the proofs and I think he had the maps with him but he was ashamed that he was so stupid and took
OVER

them back with him and he will put some girl to work to wrap them up in sequence series of 100 to a package, that is there will be only 33 maps to a hundred because three maps are in each block. When printer goes to set up the page proof if he has the first lot of 100 hundred laid out before him in sequence then all printer has to do is to reach for the one at the top and continue until he has 10 galleys of proof in page proof.

I am glad you sent in your bill for January. Wilson asked about it but I told him nothing

Well I can not think of any thing else. Received Jour. Arnold Arboretum this morning and I find that George Nevill Jones (Pullman Wash.) has revised the genus Sorbus and our Indiana Sorbus he gives to the European Sorbus Aucuparia. Doubtless he never saw Greene's types at Notre Dame because he makes Sorbus subvestita a synonym of S. Aucuparia. Now I have no idea where Jones did his work but I presume at the Arnold Arboretum because he cites so many specimens. This throws a wrench again in the Flora. All I can now do is to Star the species and add a footnote, but if introduced that will change again my totals. Wilson took with him Friday all of the Ms. except the last box which contains the bibliography and the Summary of species. I am calling the species Sorbus decora. I have not yet read the article carefully but doubtless he is correct. But the distribution in Ind. in no way would lead one to think that the species was introduced. I found it in a deep woods in St. Joseph Co, in a deep woods in La Porte and Nieuwlabd found on slope of bank of St. Joseph River and I found a large tree on the border of a swamp in Steuben Co. The last specimen must have been 30 feet high and 6 inches in diameter. I have seen it in cultivation only three times. Jones seems to have not heard of Deam Trees.

I am glad I did not consent to go to Columbus to attend the funeral this P.M. of Prof. Schaffner. The weather here is fearful, every thing a glare of ice and trees loaded with sleet. We can not get here from here to Columbus via train, about a day to make it, 160 miles.

I will sign off. When the proof again begins to come in, I am expecting it come thick and fast. I am nearly sick today. Best wishes,
I am sincerely yours, Chas.C. Deam.

if you saw all my Ms, includes passes

Do not return maps

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Repl. 1/26

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Bluffton, Ind.
Jan. 20 1939

Dear Hermann: Well the long looked for proof here. Got a letter from Weatherby yesterday that he had mailed his proof and he complimented the printer on such clean copy while I was about to make a requisition for wider margins to accommodate the corrections. Well the last galley is better. The first few sheets are bad. As to the adoption of your fern corrections I will say I will leave them all to what Weatherby says. Well I kept account of the errors you caught that Harriet and I did not. You had 24 and of course I wonder where I was at when I went over some of the very obvious errors and I too wonder if you was awake or asleep when you passed over some. Well it is really amusing to see how one can pass over a mistake. I passed over the ^aSagattaria and you caught it. Both Harriet and I went over it. Weatherwax also went over all the grass galley. Well it all goes to show we can not have too many proof readers of all kinds. They have one common error in not setting introduced plants in small caps. They are all marked and I have called their attention to them. What I am afraid of is that they will never get it all in. Now as soon as Weatherby's copy comes I can send in this galley and then I can get some page proof and can begin to index which is a real job.

Now as to price to charge I have no idea. But I make this suggestion that you lower the price and add to the hours. For example you charge \$1.00 per hour which is 1/3 less than price and add 1/3 to the hours. Any way to suit you. I wanted Wilson to make the contract with you but he asked me to do it. Now I have no idea. I suggest that you send in a bill for what you have done when you finish the last lot I sent you and over

that will bring Wilson out. You know you are worth your hire not matter what you ask. You sure are a specialist or we need not go to Wash. or Cambridge to get proof readers.

You will have to have some one notary your bill. Send to E.P.Wilson, Assist. State Forester, State Library Bldg, Indpls Ind. Keep me postaged on reaction, etc. The proof reading is to go on no matter if I have to pay it. It now looks as if I will have to pay a part of the names on the maps. They have not yet paid it but doubtless will after delays, etc. Well let her go just as if all was O.K. and wait for developments

I have some old Memos I am sending you.

In regard to the commas before variety I object because the var. is an integral part of the whole name. Please note in synonymy in Hitchcock Manual, Murbeck ^{var}erbascum, of course Pennell uses trinomial nomenclature, note Leaflets of Western Botany, they all delete comma so does Jour Arnold Arboretum but Fernald uses the comma but remember he is always behind the ^{band} bad wagon and at the end of the procession, playing the Calliope. The comma seems to be an afterthought. I note in Amer. Jour Bot. that Sherff uses the trinomial way. Well guess any one has a right to his way, just so I am consistent. I peeve Weatherby in a good many ways but he gives me the go sign but says watch your step and be consistent. One of the meanest things I have is the fraction idea. See Webster under Third and Fourth. The hyphen is del^eted except the fraction is used as an adjective and I never use it that way. I find the printer has changed two thirds to a hyphen and all other fractions. Guess omitting hyphens in fractions is another new gadget. Well I started that way and all the Ms. is that way so I guess I will try to see it thru that way. See instructions to proof readers.

I am feeling tought this P.M. so I will sign off. Will be writing you often now I presume. Geve me hell all you like, I can take it.

Best wishes to you and family, I am sincerely yours,

Chas.C.Deam.

Memos to Hermann

In Introduction I list the herbaria and yours is located at U. of Mich.
Shall we let it go at that or do you wish it changed. ⁸ If so give location

Acknowledgements are from Hermann of U. of Mich. Of course the Flora
was written before your migration to Wash. Think you once told me to let
it go as U. of Mich.

Have you read in Rhodora Clausen & Wahl new combinations in Carex.
Note they refer Carex lanuginosa Mx. to C. lasiocarpa as a variety.
We shall just forget it?.

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Proc. Nat. Acad. Sci. (500N31P)

Jones, D. F.

Segregation of color and growth-regulating genes in somatic tissue of maize. Proc. Nat. Acad. Sci. 22: 163-166. Mr.1936. no.3.

Overbeek, J. van

Different action of auxin-a and of hetero-auxin. Proc. Nat. Acad. Sci. 22: 187-190. Mr.1936. no.3. Experiments with Avena. Preliminary note.

Revue Hort. (Paris) (80R32)

FoEx, E.

L'oeuvre de Millardet et le cinquantenaire de la bouillie bordelaise. Revue Hort. 108: 89-93. illus., port. Mr.16, 1936. no.3.

Rhodora (Boston) (450R34)

Abbe, E. C.

Botanical results of the Grenfell-Forbes northern Labrador expedition, 1931. Rhodora 38: 102-161. illus.(maps), pl.408-411. Ap. 1936. no.448.

Bashni, C.

Ipomoea heptaphylla in Georgia and Mexico. Rhodora 38: 184. Ap. 1936. no.448.

Muenschner, W. C.

The production of seed by *Euphorbia cyparissias*. Rhodora 38: 161-163. Ap. 1936. no.448.

Riv. Biol. (Milan) (442.8R52)

Carbone, D. & Alexandria, A.V.

Nuova ricerca sull'immunità vaccinale nelle piante. Riv. Biol. 20: 24-41. Ja./F. 1936. no.1.

Science (470Sci2)

Dove, W. F. & Murphy, E.

The vitamin C content of apples and its relation to human welfare. Science 83: 325-327. Ap.3, 1936. no.2153.

Mitchell, J. W.

Measurement of the area of attached and detached leaves. Science 83: 334-336. illus. Ap.3, 1936. no.2153.

Murneck, A. E.

Determination of the chloroplast pigments of plants. Science 83: 327. Ap.3, 1936. no.2153.

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Bluffton, Ind.
Dec. 21 1938

Dear Hermann: I am sending you some proof. Please correct if no inconvenience with a red pencil. If you can get back to me by Jan. 4, O.K. or hand it to me when I see you. My friend John Mock who lived in Wash. many years told me today to stop at the Herrington Hotel, is right near the Nat. Museum and is O.K.

Now I am so very busy I must make this short. Tomorrow Weatherwax is coming for a dray load of specimens and I am trying to get them ready

for him.

Too a sentienalist who wrote a book on the historic trees of Ind.

brought it up here last week (Thursday) and asked me to read the Ms of over 500 pages. When I started I thought I would glance at it but it is all so dam rotten I am trying to wade thru most of it. When she reads my notes on it she will explode.

Say I have been putting Carex and Juncus away and dividing then species so I can keep a representative and send the rest to Ind. U. I noted yesterday a Juncus interior collected by Ek. in a pasture in Howard Co. it looks superficillay to me like J. macer var. anthlatus. I did not look at it under a lens or look it up. I find my only specimens are from a wet place in the Little Pigeon Creek Bottoms about 1½ mi. north of Bloomfield ? Spencer Co, I have made a memo of it to look into it and if it is handy to you wish you would check the Ek specimen. It is on the map but I will have it filed off or change it in the Ms proof.

Got the Linnaeus Critica Botanica yeasterday, cost 3,11

I can not find the Weatherby letter and can not give you the name OVER

No, but to be accurate to

Several other counties throughout

You was with me here?

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of the Parsely. I enclose you the reference to it and you can look it up.

Weatherby wrote that Airy-Shaw was O.K.

Thanks for other dope you send me

Well I suspect this will be my last letter this year.

Oh I got a letter yesterday from Prof. Hugh O'Neill, saying that the Rudbeckia types were not there but probably Greene got em and they will be found at Notre Dame. I wrote at once to Dr. Just and to write me at Hotel Jefferson. While I am east I want to go into this because this will probably my last visit to Wash.

Well I will sign off and hope to be walking in on you ^{rose} A.M. of Jan. 2. Do not any money or time to see me. I am not worth it. Too I am expecting to see you at Richmond. I feel sure someone will kidnap you and take you down to see Prof. Fernald, etc.

Best wishes to you and family, I am sincerely yours,

Chas. C. Deam

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Bluffton, Ind.

Recd. 12/12/

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INDIANAPOLIS

Bluffton, Ind.
Dec. 10 1938

Administrative Officer
V. M. Simmons

Dear Hermann: Your letters of Dec. 4 and 7 duly received. I will curtly reply. I am in a jam. Have had a deluge of letters and last Monday Wilson brought the Ms. back and I have to go thru and mark all the Keys (8 point) type and then I will delete the The in Family names and mark for small caps. I neglected to indicate small caps and I also forgot it in common names. I do not now recall why I did not. But I have now decided it is best to follow Gray and others in making common ^{names} nouns in small caps. Harriet just sent me the latest revision of proof reading but I guess I will hold until I read it again. Then I will send you a copy. Now Wilson has asked me to have you fix a price on the proof reading. I enclose you a blank that you will required to fill out. Let it all ride until I see you. You just keep your hours and think about a price. They require you to send in bill monthly.

Well the printers could not eat the general key and I had to go down Thursday and I got it all lined up. So the proof will be coming along now fast, probably too fast for me, on account of my eyes and my absence at Richmond. I got the proof Thursday for the Introduction. Expect some more now any day. I have no idea how fast it will come. Wilson said they had 40 printers but they surely will not all work on it. He also told me they were setting it by hand. Again I think he is off. When I visited Burford, Wilson was with me so I had no chance to catechism them. All I know they all seem to be in good humor, etc. So do not be surprised if you get some proof any old time. They printed only two galleys of the introduction and I told them that would be O.K. Think (way down low) that Wilson told them that two copies would do. I plainly told him the other OVE

day that I wanted 4 copies. He has weeded Weatherwax out because Weatherwax can not draw two state salaries. So in desperation I wrote to Weatherby but I have not heard from him yet. Doubtless he will turn me down. If so I believe you and I and Harriet can make a pretty good job. That is you to read all proofs, that ^{two} galley and two page proofs. By that time you will be able to pass an examination on the Indiana Flora.

Say did I send you Weatherby's letter in which he gave me the correct name for Parsley. If you do not have it will send you the reference and you use it. *send me the correct name*

The Washington Guide is just what I want. I sure am glad to learn you may be able to go with me to the Catholic University. I will write Prof. O'Neil tomorrow I want to take a peek at the Rudbeckias Jan. 2 (Monday)

I have made a memo how to find you among the concrete.

Yes I have met Mrs. Chase and Blake many years ago. Also Maxon. I want to see the Rudbeckias at the Nat. Herb. so I can speak to them then. I had planned to make a week's study of Rudbeckia before I left here but now the proof may reduce it to a day.

My brother is O.K. again. He is a farmer and 2 years younger. No Lespedeza cuneata has never reported so I am omitting it. I could have dug up evidence that it is established in Ind. We passed a large colony but fool like we never stopped, even to get a specimen. Kriebel says he has seen it several times and knows it is hardy in southern Ind.

S.F. Blake is a fine fellow but is a dyspeptic (I guess) at least acts and looks like one. He named Rudbeckia Deamii Blake while he was at Harvard.

I note the mix up at U. of Mich. What most Universities need most are a few first class funerals.

Well I will sign off. We will have plenty to talk about the few hours we will be together. Since this proof is here I will peddle back home as soon as possible. May be start back Monday night. Best wishes to you and family for a happy Christmas, and anticipating a visit with you. Soon it will be a long time between drinks, you at Wash. and me at Bluffton, and broke
Sincerely yours, Chas. C. Deam.

Repl. 12/7

STATE OF INDIANA
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INDIANAPOLIS

Bluffton, Ind.
Dec. 4 1938

Administrative Officer
V. M. Simmons

Dear Hermann: This is to let you know the Wash. Guide came O.K. also the stamps. Many, many thanks. It is just what I wanted.

I have nothing to write. Think I wrote you I had three polyps pulled from my head. O.K. Two days I suffered a very severe headache. I never feel good any more. Always dragging and I can burn myself up in about 10 minutes.

Got a letter from Wilson saying the maps were about done and that the printer was into the Big Key and lost. That he was trying to get him right and if he did not succeed he would call me. Since he did not call I take it that they are going on. I wish that when they send proof that they would send it in small lots. I am depending upon you to read the proof. The State will pay you. If it does not I will. I also wrote Weatherby the other day to read it too. He may fly the track. But dam it the ox is in the ditch and I am justifiable in doing any thing. One thing I should not do and that is to try to go to Richmond but if I die I will be in the harness. I see that Stacy (Carex man from the west is on program) Doubtless he will call upon you.

Thanks for marking on ^{maps} my places I am to go.

I enclose my regular sheet of Memos to Hermann.

Best wishes, I am sincerely yours,

Chas. C. Deam

Memo to Hermann.

I have just read original description of *Lespedeza cuneata* (L. stipulacea) and it says: Legumes smooth. Mine are conspicuously appressed pubescent.

Just got Madison's Flowers of Ohio. Cost \$1.50. Not worth a nickle to you or I. I bought it just to see what sort of a thing it was. Do not buy it even as a curiosity. Not worth it

Gard. Chron. (cont.)

Dalrymple, G. H.

Auricula. Gard. Chron. III, 99: 248-249. Ap.18, 1936. no.2573.

Darnell, A. W.

The genus Anemone (cont.) Gard. Chron. III, 99: 251. Ap.18, 1936. no.2573.

Lawrence, W. J. C.

Superphosphate and seedling growth. Gard. Chron. III, 99: 249-250. illus. Ap.18, 1936. no.2573.

Behaviour of garden plants. XIX-XX. Gard. Chron. III, 99: 33, 241. Ja.18, Ap.18, 1936. no.2560, 2573.

XIX. Liliun regale. XX. Forsythias.

Gartenz. (Wien) (80W63Z)

Svolba, F.

Monströse, pelorische blüten beim fingerhut. Gartenz. (Wien) 1936: 43-45. illus. Ap.1936. no.4.

Godishn. Sofiisk. Univ. II, Fiz.-Mat. Fak. (Annuaire Univ. Sofia, II, Fac. Phys.-Math. (511So62)

Zlatarov, A.

Novi opitni prinosi za oblasnenie vilianieto na khimichnitě pooshtrieteli za rastexa (prorastvaneto) na rastitelnitě semena (Nouvelles contributions experimentales pour l'influence des stimulents chimiques sur la croissance des plantes). Godishn. Sofiisk. Univ. II, Fiz.-Mat. Fak. (Annuaire Univ. Sofia II, Fac. Phys.-Math.) 31(2, Chim.): 113-128. 1935.

Bulgarian with French summary.

Godishn. Sofiisk. Univ. V, Agron.-Lesov. Fak. (Annuaire Univ. Sofia, V, Fac. Agron. & Sylvic.) (21So6)

Dimitrov, T.

Prinos kum izuchvane nasēkomitě i gubnitě vrediteli v nashitě gori i gorske kulturi (Contribution à l'étude des dégats causés par des insectes et des champignons parasitaires dans les forêts bulgares). Godishn. Sofiisk. Univ. V, Agron.-Lesov. Fak. (Annuaire Univ. Sofia, V, Fac. Agron. et Sylvic.) 13(2, Sylvic.): 220-252. illus. 1935.

Bulgarian with brief French summary.

STATE OF INDIANA
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Repl. 12/4

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INDIANAPOLIS

Bluffton, Ind.
Nov. 25 1938

Administrative Officer
V. M. Simmons

Dear Hermann: I can not ~~ix~~ find my guide to Wasington D.^y. Wish you would buy me one and mail it to me. Something that will cost about 50 cents. I do not need much since I do not plant to move around much. Want to know where the Catholic University is and in jail you are penned up in and where the Smithsonian Institution is located. Only three places I plan to visit. I may go to Congressional Library. I have one Ind. Reference I have never seen. In getting me the folder something I can get into outside coat pocket. Do not care for the vest pocket size. You may may a free single sheet to show all I need.

I enclose a memo for you.

Thanks for the reference to Critique of ~~Ph~~ Botanic of Linnaeus It is ordered.

es I noted that Core offers to name Cyperacea. Fine method to build up a herbarium of this group but God pity the identifications. I only casually met Core at Pittsburgh. I hope to meet him again this holidays Your sharp criticisms of so many botanists makes me quake for fear I may not be any better. But it does seem some of these fellows get off the trolley too easy. Day I got a good letter today. Some guy by name of Russell Stark of Nashville, Tenn. is getting out a ~~maax~~ book on rural nature stuff, to be contributed by celebrities and he named L.H. Bailey and others who have fallen. n ever sent a stamp or any thing for reply but did ask me to send him all the books I have ever published and he would be much obliged. This is the most cuts
OVER

or ignorance I have ever chanced upon. I will just file and never answer.

Many thanks for your chatty letter.

I am now working upon my last trip out. Have not run upon any thing yet startling. Did find a *Sagittaria brevirostra* that has the beak of *S. australis* but the sides are not of that species. *Sagittarias* were not out on my last trip. Too dry.

Some oaks still bother me. Those of the *Q. borealis maxima*, *Schneckii*, *Shumardii*, *coccinea*, *ellipsoidalis*. Kriebel is working on the group and we do not agree on *Schneckii*. Coker & Totten in their Trees stress a character to set off *Quercus coccinea*. It is that this species always has a ring or two about the apex of the nut. Unfortunately all my specimens are at Ind. U. The specimen of this species I found this fall has some of the nuts with circular rings at the end of the nuts and some do not (from same tree) cutting into those with a ring. I find them not viable while all of those with well filled cotyledons are not marked at the apex. Wonder if these men made a character on this. Of course I have only one number here but will try to remember when I get out next year.

If I live until next fall and health will permit me to go and I have the money to travel I will try to take time to dig into this *Quercus* complex.

Well I know I will see you at Rickmond. Some of the gang will pick you up and just take you.

I am sincerely yours,

Chas. C. Deam

Repl 12/4

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INDIANAPOLIS

Administrative Officer
V. M. Simmons

Bluffton, Ind.
Nov. 17 1938

Dear Hermann: ⁺es our letters have crossed and I am so dippy I do not know if I wrote you this week or not. [^]rather turbulent times here. My brother has been sick with Malta fever but he is coming along O.K. They brought him from hospital here about an hour ago. Thing^k he will get along O.K. now.

As to the Juncus tip in, will say I went to Indpls on Monday and I inserted the tip in you sent. I am sorry to have you to copy the whole sheet again. O hope I shall never do any thing as bad again.

Thanks for the dope on Glyceria arkansana, etc.

Thanks for your offer to give me a specimen of Lespedeza sericea. ^{no}
I have it from Lawrence Co and I cultivated it here in our garden. This fall I found a colony (hardy) I think it was in Posey Co. Kriebel told me that he had found it a hardy perennial in several places in southern Ind. I note you have changed the nomenclature. I adopt your name for ^{it} and thank you for calling my attention to it.

Many thanks for the dope on a hotel and offering to reserve me a room. I can not tell when I will get to Washington. If I am able to make the trip, I think I shall go directly from here to Richmond. Leave here Sunday and arrive at Richmond A.M. Monday. This will give ^{me} a chance to rest up, register and make out my program. Then when the meeting is over I think I shall go to the hotel^{in Monday} and just rest and sight see until the following Monday and then go to Wash. and stay a day or two. Wash. offers me no attractions. Too old to get inter^{est}ested in any thing except the few plants I want to see, -Rudbeckia, Smalix (herb^{ic}eous) Physalis, etc. OVER

In the meantime please tell me how to find you. Which cell do you occupy
What building, etc. Think I will call on you and you only outside of the
Smithsonian People. If I had the energy I would like to go down to the
Forestry Office and tell a few of those guys somethings. Got a letter today
in reply to my caustic letter I sent to E.N. Munns about those Forestry
Maps. Tried to patch it up, etc. what do they think I am made of. The Bible
says clay but I think they must interpret it mud. Rolland M. Harper was
here and he pointed out that their maps were just awful for the south.
Well I will not answer r. I.T. Craig's ^{Reply to my letter to Munns.} letter about it. Craig says they
knew it was wrong but went ahead and published it. If I was not afraid
it might hurt me, and the Treas etc. of Ind. ⁺ would surely wade into him
and make it felt. Sudworth published Dist. of Pinus virginiana in ⁸² Ind
many years ago, and the error is still carried.

This man Martin is a bluffer and he will go along until all are
wise to him and in the end "get his" punch on the nose that will hold him.

Thanks for prying into the Astragalus plattensis for Ind.

If you wish to go to New York gardens do not let my visit to Wash
change your plans. I have nothing in particular only to have a chat
that is all. After I have been out a week, I am so mentally fatigued
I appear more senile than I am. So do not expect any thing from me

Tip in on Luzula carolina var. saltuensis place in Ms. O.K.

Many thanks for your offer to send me a sheet of Despedeza
sericea. I wish to thank you very much for the other five sheets of very
rare plants you sent. Is there any thing I can do for you. When I get
this year's stuff named I think I will list it and send you a list
from which to select any thing you can use.

Well I am signing off. Very best wishes to you. Did
I tell you I found the Ms. at State House just as I sent it down there
Politics in the case. I will not tire you with it. ^{6 weeks ago}

Sincerely yours, Chas.C.Deam.

STATE OF INDIANA
CONSERVATION DEPARTMENT
DEPARTMENT OF PUBLIC WORKS

Repl. 11/16

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INDIANAPOLIS

Administrative Officer
V. M. Simmons

Bluffton, Ind.
Nov. 12 1938

Dear Hermann: Many thanks for your letter and "tip in" for *Juncus brachyforma hexandrus*. I will make this a tip in which I think is far better. I note what you say about Martin and the *Juncus*. Now I appreciate your feeling in the matter. Just lay low and possibly he will hang himself. Detour about him as much as you can and make friends with real fellows. He will be eating out your hand in due time.

The *Carex Bushii* record I would if it possible get this specimen to Fernald and let him pass on it to get range straightened out. As a matter of fact I would as leave have your identification as Fernald but let him take the kick. E.L. Core is interested in W. Va. plants and may you can get him to send the specimen on. If you have no way of so doing may be I can see Core at Richmond and coach him.

No I have not seen the Hort's trans, of Linnaeus *Critica Botanica*. Seems now as if I did mention ^{all} of it. Can you give me the publisher and approximate price. I just can not to read it for months but I wish it for the library. My eyes still bother me. I am trying to let them rest up

Well I will go to Indpls Monday and let you know about where the Ms. is etc. We have such a political shake up here, the politicians ~~are~~ have not yet oriented themselves. Just got Ecology that ^{from one} ~~one~~ borrowed early in 1937 ^{u.s. 1937} No data, just got back one copy. Of course I replaced it (1.00) and had it bound at end of 1937. Say man I am sore on teachers, and others that should read and have books, etc. Only yesterday after it was all over I was ^m ashamed of myself. Our new City Librarian paid us a visit. I sure did give her hell. OVE

She was brought here by one of the Library Board, a "red-clawed" lounge lizard. Her husband is a musician and lawyer and does not amount to a dam. If his father dies soon he will be on Relief. The Librarian is a young woman spineless, no background and wears red talons. They both contended that the library should have more art and music books. I act is neither know any thing about what this library or reading is all about. Neither had sense enough to argue or ask questions. When I pinned them down, "well that is your way of looking at it". I told them I preferred to study truth rather the immature and crooked idea some painted trying to put on canvass when you can step out of doors and see the real thing. One picture, painted in Ind. is a beech woods, trees distorted to put some art into (Japanese) no such an animal in a beech woods in Ind. Then I jumped on them on nude art. Pretty raw for both auditors were young women, probably less than 30. I told them that it was men who mostly painted nude subjects and some beautiful naked women had to pose. I asked them if it would be possible to have the nude model to pose and photograph her and let artist have the photo by his easel and if it would not be just as good or better. If they would do that if it would wreck nude art. I am not fighting art or music but all I am trying to point out is that bread and butter come first. When I asked them to define art and science in the widest sense they both failed. When I told them that art was the application of scientific truth to any subject it was all new to them. The technic in the laboratory is art and the fact finding is science.

Heck I am off the trolley and I know this is not botany. Now I am going to try to file away some Carex. I am rewriting labels that need it.

I am now up to Carex vulpinoidea. I am now trying to arrange with Weatherwax to have one of his NYA. worker to rewrite the labels of all my specimens that should be rewritten. I know this is not a very orthodox way but if one will first write the specimen no. under the label. and then copy label and then check the writing, and tear off old label and replace it with a new one, I see very little chance for error. I know Mrs. Winch would probably never make an error. I would, but you know too well that a herbarium loses utility with a specimens under many names. Enough, Best wishes, I am sincerely yours, Chas. C. Deam.

No Letterheads yet

Repl. 11/15

Dear Hermann: I am a darn poor housekeeper I guess. I have searched every where for the duplicate of Juncaceae and I can not find. I feel certain I had a copy/ No matter. Here is my suggestion: You have noted ere this that Martin in Rhodora 40: 460. 1938 has described as new forma hexandrus of Juncus brachycephalus and has cited one of my specimens. Now shall we take care of this? I have no duplicate here but I go to Indpls on Monday provided my brother's health will permit. He is in hospital and will be dead or past the crisis by that time. When at Indpls I can get the page numbers of Juncus and must ask you to write a full page where your corrections come and I will have one of the office men go to printer and just substitute pages. You can use same page number as the original and all we will have to do is to substitute pages or if there is more than a page make the second page, page A. Now I know it is some job to rewrite a whole page but I can not trust any of the gang at Indpls to do any thing that requires "brains". I do not mean it that way, but I mean experience in such work. You will have to rewrite the key also but your key may have taken care of the trouble Martin suggests. I would take it down there myself but it means a day trip and \$3.00 car fare and I pay car fare myself. I should not, but always have. Next week I go down and pay all my own expenses. By the way Our "State House Ring" was defeated in politics. Just got too rotten.

We could make the correction in galley but the galley will come in page proof so when you add a line they will have to do a lot of changing to compensate for the line. As yet I have not heard a word from Indpls. I wrote at once when I got last Rhodora for an appointment with the State Forester. So I made it as early as I dared to. Today is a holiday. On Monday I will be on the ground and have it out with the bunch. I have not heard a word about where the Ms. is or what is being done. I nearly ruined my eyes in my effort to finish the Ms. They have hurt me ever since so I can not read and have to work on half time. Dam em .

OVER

Well I have just finished last Rhodora and added Fernald's new things.

They are, change Viola Rafinesquii

Fraxinus profunda to F. tomentosa.
since all my specimens of Fraxinus pennsylvanica are at Ind.

U and since I am carrying Fraxinus lanceolata as a species I can not mess with Fernald's var. Austini. These are the only changes I must make. Fernald must be careful or he will run in the ditch.

I am extremely dubious about his Stylosanthes riparia, -excuse me. I thought this was Stylosanthes biflora. Please excuse my criticism, just had the wrong species in mind. But still one remains I am not satisfied with. Again most of my specimens at Ind. U. I refer to Lespedeza capitata var. hirtiformis. I fear he has a very short peduncled form of L. hirta. I have one (L. hirta) that I have placed with L. capitata with a note on it. But it is a rather a depauperate form so I can not draw conclusions. So far as I can see Fernald in this case has not described any thing to set it off from L. hirta. In his discussion he mentions short peduncles but in his description he fails to mention that, the only character, to set it off.

Again this is "his baby". I am due a letter to Weatherby and in it I am going to suggest that Fernald be consistent in citing his "plates" or "tables". The plates are called plates ^{in fruit} and not tables. He uses bottomland which I would like to call a good word but Webster uses two words and it is not given in U.S. Style Book. Then Fernald uses calyx-lobes and Webster does not use a hyphen but two words. I am going to call Weatherby's attention to these at the peril of I do not know what but I do want Fernald to know he is is not above criticism.

Fernald has dug up a lot of new things and I am for him. May that man Hermann can get down there sometime this summer. Fernald has found more things in sight of the U.S. Capitol than Gleason has in South America.

Let me hear from you and oblige. Cheer up as soon as the Flora is published you will not be bothered longer. Sincerely yours, Chas. C. Deam.

Dear Hermann: At least I am trying to answer your letter of Oct. 8.

Repl. 11/15

In regards to the *Andropogon littoralis* will say I took that up when I wrote the Flora of Indiana and I studied them in the field and they looked quite different but as I now recall Mrs. Chase wrote me that they were lumping them all. This most have been about 1928. Since that time Fernald has come out with a reworking them in Rhodora 1937 I believe. Well I am in a tight place. All my specimens are at Ind. U. I have written Weatherwax to look them over and if he thought they were distinct to send them on and I would add this species, although I would prefer to follow Fernald and make it a variety. Think I had better just recognize it as a variety and tip it in which will make me a lot less trouble. Even at this it will require me to re^write ~~two~~ two full pages and I tell you for me to write a page without errors is hard work and time consuming.

I note what you say about the Monograph of *Astragalus*. Tidestrom better be careful and not ignore Marcus E. Jones too much. I would suggest that he see all of Jones types before he ignores them. He did an immense amount of work and pass over it may be another case of Rafinesque, he may rise again. Monographers should be careful not to muddle things up. All types should be investigated and seen if they exist. Pennell did a good job along this line.

You know it is easy to criticize. You know the custodian of large herbaria have a great responsibility to perform. That is to make their possession available. To be concrete. A few years ago I went to the Mo. Bot. Gardens to study *Physalis*. Well I found numerous specimens there. I am not sure now but I know in other cases the species are not always under the generic name, that is if the genus was an aggregate. The species you may find under several species. The specimen is in the folder that it was first named. No one has "edited" the genus and arrange the species where they belong. I know this can be done with some species (I mean in some genera) The Curator should as soon as any one who is monographing a genus or studying a species should arrange to have the species studied by this student. OVER

This student would at least assemble the species and probably name them correctly. Doubtless in the U.S. Grass ¹erb. you will find this idea carried right up to date. Well at St. Louis I found *Physalis virginiana* under three or four names. All O.K. if you visit the herbarium but if you were to send to Mo. Garden for their specimens of *Physalis virginiana* you would probably get all they had in that folder and about a third would not be that species and twice as many would be left behind in folders with other names. You get me Al.

Well I hope you will always stand up for rules. We will never get any where if we are not willing to let the majority rule. I will never forget at a A.A.A.S. when this subject was up that J.C. Arthur made a speech in favor of majority rule and he finished by saying that when a committee tried to tell him to use such and such names we would not agree to it and as a matter of fact Arthur was agreeing with all except from which he did not agree. If we would all be more flexible in this matter and more careful in selecting a Rules Committee, we would have less grief.

Now such simple things as to the manner in which references are to be written in Bibliography should be standardized. *Rhodora*'s XXX: 40. 1938 should be written all in Arabic. Then the rule of writing for date, V: 3. 1938 is just damnable. Or reversing the date as May 3 1938 / 3 May 1938. Now something should happen. I think a well written article published where every one will read would do some good. You will recall Nieuwland was an offender on date and Dr. Lyon always does.

In the event you run out of material to kick about call on me. I have an immense supply in store.

This from my maps. - *distribution*
Andropogon scoparius var. *frequens* Hubbard.

Reported by Peattie; by McDonald for Deam & ¹Herb. Amer. Midl. Nat. 15:207
Buhl in Amer. Midl. Nat. 16:250. 1935 refers all to the species.

A. scoparius var. *polycladus* S. & B. (*A. littoralis* Nash
Reported by Deam, Ind. Acad. Sci. 1910; Peattie in 1930; and Buhl in 1935
refers all to the species.

A. scoparius var. *villosissimus* Kearney. Rept. by Hubbard for Chase in 1917
Porter Co by Peattie; Buhl in Amer. Midl. Nat. 16:250 refers to species.
Now of course Buhl was not a seasoned taxonomist. Best wishes. Deam

Memos to Hermann

Rep. 11/15

Have you checked your *Glyceria septentrionalis* for *G. arkansana* Fern.

I have gone over mine and I am not certain what I have. Seems as if all my may be *G. arkansana* and only one typical. I note on my Fulton County specimen I annotate it, note the long subacute glumes. Well I do not feel peppy enough to go over and carefully work my specimens. Seems to me that you had a remark to make about the specimen you took in Nolta

Erwin woods in Scuffle Pod. If you ever go over your material let me

You see western N.Y. and Glencoe Ill, would include the whole of Ind. know you findings. However, Fernald is not sure of the Glencoe plant.

I am now working on Fernald's article. Seems queer that Fernald always spells out Fernald but all others authors are abbreviated. Peruse this article and see.

Fernald's use of pycnostachys for cryptostachys on plate 510 and on page 395 will surely peeve him

Page 390, line 7 seems to lack a period after Chase and 2 spaces. On page 400 are several errors in citing my specimens

Shall I change name of *Luzula saltuensis* to *L. carolinae* Watson var.

~~saltuensis~~ (Fernald) Fernald. See pg. 404.

Rice, Sugar & Coffee Journ. (Orange, Tex.) (59,8 R36)

Rosencrantz, F. M.

New variety of early rice. Rice, Sugar & Coffee Journ. 39(12): 5. D.1936.

Result of work of C.R. Adair, called Zenith.

Sbornik Českoslov. Akad. Zeměd. (Pvaha) (19.5 C332C)

Blatný, C.

Nové adhaesivum k tekutým prostředkům na ochranu rostlin (Ein neues adhaesivum zu pflanzenschutzflüssigkeiten). Sbornik Českoslov. Akad. Zeměd.

11: 372-374. 1936. no.4.

Czech with German summary.

Havelik, K.

Pathologická tvorba jádra dřevin (Pathologische kernbildung bei holzgewächsen). Sbornik Českoslov. Akad. Zeměd. 11: 468-467. 1936.

Czech with German summary. Normal dying, injury, frost, fungi.

Klika, J.

Ekologická a sociologická studia pastvin vápencové a dolomitové západokarpatské hornatiny (Čachtické kopce) (Ökologische und soziologische studien der weiden des westkarpathischen kalkstein- und Dolomit-hügellandes (Die Čachtitzer berge). I. Die soziologische analyse). Sbornik Českoslov. Akad. Zeměd. 11: 330-336. illus. 1936.

Czech with German summary.

Kmoníček, V.

Louky a pastviny středního Slovenska (Die wiesen und weiden der Mittelslowakei). Sbornik Českoslov. Akad. Zeměd. 11: 436-445. 1936. no.4.

Czech with German summary. Ecological study.

Mikyška, E.

Ekologická a sociologická studia pastvin vápencové a dolomitové západokarpatské hornatiny (Čachtické kopce). (Ökologische und soziologische studien der weiden des westkarpathischen kalkstein- und Dolomit-hügellandes (Die Čachtitzer berge). II. Die ökologische analyse). Sbornik Českoslov. Akad. Zeměd. 11: 445-453. illus. 1936. no.4.

Czech with German summary.

Science (470 Sci2)

Abandonment of the Moscow meeting of the International congress of genetics. Science 84: 553-554. D.18, 1936. no.2190.

7th congress to have been held in Moscow, Aug.1937.

Out of Letterheads today

Repl. 11/15

Dear Hermann: Your letter of Nov. was duly received.

I plan to go to Indpls as soon as the next Rhodora comes in and I have gone thru it. *put the tip ins into 7118*

I believe it better to rewrite *Carex digitalis* as per enclosed carbon copy than to use a footnote which if I recall you hate as much as I do. This will eliminate a footnote and seems alright to me. I have changed your copy in omitted the comma in accession numbers. My numbers are serial so take no comma and you do not quote Fernald verbatim so we can follow the rule O.K. If the tip in is not O.K. let me know the changes so I can make a memo of them to get them when the proof comes in. I will doubtless have the tip ins in before I hear from you again. Gosh it seems to good to hear from you and hope you will not turn me down. It seems to me these taxonomists do not belong to our grade. I just read Featherly's Grasses of Okla. Just out, Tech. Bull. of Okla Agr. Exp. Stat. no.3. Write him for a copy, sent out free by Station. I gave him a few wicked punches. Index does not have species or synonyms, drawings no diameters mentioned, and the keys not dichotomous. He appends a few corrections on a page on inside. Gosh I can find that many on a few pages. Oh well it is not in a class with the grasses of Ind. He had "determinations of other herbaria checked by some one in charge" who probably did not know a grass from a sedge. Well it is a good start and most of the diagnostic characters are from Hitchcock so that far O.K.

I can not find my duplicate of Juncaceae but I will use what you wrote and tip in on *Juncus saultensis*, etc.

As to *Helenium* aggregate I went over Rydberg's write up long ago and decided it was no good. I just wondered what others thought of it.

As to *Astragalus plattensis* in Ind. I have it in the excluded species. I have seen no specimen. Here is my write up:

A. plattensis Nutt. Reported in Coulter's Catalogue as a migrant found near Lafayette Junction, Tippecanoe County. Now *Astragalus tennesseensis* Gray has also been reported. Here is write up in my excluded species. OVER

This species was reported from Tippecanoe County by Stuart (Proc. Indiana Acad. Sci. 1901: 283. 1902) He writes: This plant was collected in sandy bottom land along Wea Creek, about 4 mi. south of Lafayette, and some two hundred yards down stream from the Wabash Railroad Bridge. Not very abundant... in fruit later part of May". This is near where you and I collected along Big Wea Creek where you got the *Carex heliophila*, *Muhlenbergia cuspidata*, *Houstonia longifolia*, etc. There are a few western plants here. I have visited the bottoms below the Wabash Railroad twice with hopes to find it but failed, yet it might be there. You see it was collected over 30 years ago and may become extinct or widely scattered and long search might reveal it. If a migrant it may have disappeared. These gravelly hills are pretty slavish for me now and I can not predict 6 mos ahead where I will be, on top or beneath the surface, but if on top and I have enough money to buy gas I will try again for this species. This Big Wea Creek bottoms should be more thoroughly worked. *Androsace occidentalis* just carpets a few places of these bottoms, guess you and I were too late to find it. It comes and goes very early

Well I did not find Stuart's specimen at Purdue U. and since I could not find a specimen I just excluded it. In the event you chance upon a specimen let me know so I can include it in the Flora. *Where does Lidstrom get his data, Purd. records?*

My map catalogue says that *Astragalus plattensis* was included in the Catalogue of Ind. Plants in 1883. So it may be there but it seems queer if any one found it that it would not be in Purdue U. Herb.

I thank you for calling my attention to this. If we do find it, it is probably a native, judging from its associates.

~~I~~ I am recognizing *Geum can. var. Grimesii*. R.T. Clausen has gone over all my *Geum* and O.K. the variety. In the field it is distinct after you know it.

Fernald's reduction of *Kyllingia* came after I had the *Cyperaceae* written and I let it go *Kyllingia*. I would have had to make a lot of changes in general key and in key to *Cyperus* so "I took a chance".

'es I have *Bulbostylis* already to tip in and I wrote Weatherby a half page of corrections on the last paper of Fernald. One was his use of *pyncnoctachya* for *cryptostachya*. This was a "boner" Fernald made and he can not get out of it. I am using *cryptostachys* because doubtless in errata in Dec. *Rhodora*

for Dec. the corrections will be made.

Say in ^{to} regards my Dinner Affair, it was a great success. None of the congratulatory letters or telegrams were read. Too late. The speakers all "over spoke themselves)

No I did not know Fassett's paper was out. I will order it at once

As to Richmond meet wife insists on me going for she knows I get a big kick out of em. We old fellers get together. At my Dinner party, I was told that Schaffner was not well, so he may fail to show up. We past 70 years will soon thin out. If I go, will if I am well enough, I have no idea when I will start. On trip I want to go to the Catholic University to see their Rudbeckia and at the National Herb. I want to go over their Rudbeckia and their herbaceous Smilax. Recently I had a notion to take up Physalis. Plant them here and see what I can do with them. From this on, about all I can do is to guess around ^{with} a few things like Rudbeckia and if I get any where O.H. and if not the same. So if you are out in the field and chance upon a few fruits of Physalis, any species except subglabrata send them to me. Also if you know of any Smilax Walteri seed pull a few for me. I have been trying for years to this species started here. Would buy a plant but no one lists it.

Now if you know of a hotel near the National Herbarium that is not too high priced give me the name and I can take a taxi right to it. Once I stopped at the Willard but their price weeds me out of there. Of course a hotel out with but connections may be better on account of noise. Guess I had better have you locate me. My price is 2,50 to ~~3,00~~ 3,00 with toilet. I never take a bath but I must take an enema and need toilet. Now I will not stop with any of my friends. In fact I do not want any of them to know I am at Washington. The grand trouble with me is that when I take such a trip my nerves all get in a tingle and my head goes punk, and I seem more senile ^{than} and I am. I think it best for me to wear an identification card any way. In my feeble condition I do not think I make any thing by visiting with

my old botanical friends and appear "off in my head" which is all too true
Just so I do not appear "simple". City life is hard on me especially if I
must go with the crowd. I plan to go to my room in hotel and rest as long as
I wish to, to make "sallies" as I can stand it. Then too I do not care to
extend my visit longer than I need to because I with limited reserve energy
will be an easy prey to pneumonia, and the like.

By the way yesterday I received my *Scutellaria* back from Epling. He
has had them since Sept. 1937. He has not published yet. Here are a few names
Scutellaria epilobifolia he changes back to *S. galericulata*

integrifolia typica and var. *hispida* (Benth.) Epl

Epling was
subsp. nov?
nov. sp.

Leonardi, *S. parvula* var. *ambigua*?

ovalifolia Pers. subsp. *hirsuta* (Short) Epl. All Ind. species here
subsp. *mollis* I have a sheet from Pa.

ovata subsp. *bracteata*, I have a sheet from Miss.
subsp. *versicolor* (All Ind. species here)

Doubtless you will find these names in the National Herbarium ~~which~~

doubtless he had
Digitized by Hunt Institute for Botanical Documentation

Signing off, best wishes, I am sincerely yours,

Chas. C. Deam

Hop^s you and family will keep well this winter. Today we are having our very
first of winter. Saw some snow a little while ago. It is near freezing. I
have never seen such a Fall. No rain and mostly sunshine all Sept. and Oct.

Deam

Recd. 11/4

STATE OF INDIANA
CONSERVATION DEPARTMENT
DEPARTMENT OF PUBLIC WORKS

INDIANAPOLIS

Administrative Officer
V. M. Simmons

Board

Governor M. Clifford Townsend
Lieut.-Gov. Henry F. Schricker
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Thurman A. Gottschalk
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Bluffton, Ind.
Oct. 28 1938

Dear Hermann: Your letter came this morning but have been too busy with company that ⁺ did not get to the package to this P.M. In one of the Folders you will find a copy of last Evening Banner which will explain. The blow out was a complete success except the speakers used ^o superlative adjectives. One even said ⁺ was the biggest botanist in the U.S. of course which is nonsense. he does not know any thing about relative standing but let it go. That seed will all fall on sterile ground. I was surprised that practically every botanist in Ind. was here. and all had to drive home last night, even Dr. Just and wife were here and went on to Cincinnati to arrive this morning at 8,00 ^{A.}M. Dr. Just will just kill himself, believe he is trying to get rid of the job of teaching and be librarian.

Well you go over the Carex and let me know. I now plan to go to Indpls and make the interpolations myself. I have three pages. I think if we have a var. of *C. digitalis* all you have to do is to write the var. and give it an "a" no. and ^I can put it in on a tip in. You write the tip in complete so ^{del} I will have to is to stick it in. ^{to tip in} let it back to be as soon as you can because I have no idea where the Ms. is or what is being done. As to return of specimens do that at your convenience.

Ind. Acad. ^{S.}cience next week. Then I am thru until the Richmond Va. meet if I go. I have engaged a room and plan to go.

Well best wishes, I am sincerelt yours,

Chas. C. Deam.

P.S. Forgot to tell you they presented me with a fine desk set (Scheaffer) and the Ft. Wayne Drug Co, sent me a boquest, most beautiful, probabaly cost 25,00. I have bought drugs of them since organized probably 40 years ago Needless to say I am like a boneless herring today,
Deam

STATE OF INDIANA
CONSERVATION DEPARTMENT
DEPARTMENT OF PUBLIC WORKS

Repl. 10/25

INDIANAPOLIS

Administrative Officer
V. M. Simmons

Bluffton, Ind.
Oct. 21 1938

Board

Governor M. Clifford Townsend
Lieut.-Gov. Henry F. Schriker
Virgil M. Simmons
Dick Heller
Earl Crawford
Thurman A. Gottschalk
George H. Newbauer

Dear Hermann: I am back from 1250 mile trip to sw. Ind. Nothing of importance to report except we did not get any thing. I did dig some *Thalictrum perelegans* Greene and I now know where I can get all I wish of it in Harrison County. Planted 4 clumps of it.

Now in regards to *Carex digitalis* I am not competent to go over them and if you will go over them let me know and I will send them as soon as possible. I have never yet taken time to unpack the *Carex* so I may have some trouble of locating them. To redistribute them will be my first task now. As soon as this "blow out" is over and I recuperate I will be at the "wheel" all the time. Oh yes I must go to Lafayette to attend the Ind. Acad. science Nov. 3-4

Now if you will look over the *Carex* let me know and I will pay charges both ways. Tell me if I shall send to your home or to your office

As to your letter and other card will reply later. My recollections are that Mrs. Chase told me when I wrote the Grasses of Ind. to pay no attention to *Andropogon littoralis*. I saw ^{it} and I think I know it in the field and I always just took it to be an ecological form. It is frequent on the borders of the swales at Pine, where you got the *Carex Richarsonii*, I now feel sure I saw on the south side of this low dune.

In due time I will look this up and report. Now this brings up a question. What am I to do with these additions while the book is going thru the press. Already enough has accumulated to make a make of "additions" which could be put in the back of the book. True there will always be additions but one thing is certain there will be no Deam to add to the Flora, except doubtless every year I can write for OVER

Ind. Acad. the additions, corrections, etc. for the Academy. This I will do if I do not make a page of additions. The great trouble is no one knows when this book will be published. The State Annual Report, a book of over one thousand pages is due to go to press Oct. 1 and then the Legislature is due Jan. 1 and these take precedence and I must take my chance in being able to fill in. I really do not expect the Flora before next May. I know our State Printer. If I was to choose between him and the devil, I would choose the latter because I know he is black and I could depend upon that.

If you wish the Carex, please tell me what species, etc. Now I do not know what restrictions we will have on "interpolations". If they have not yet set up Carex we might add it. Bad feature is I never paged the duplicates. If I had all I would have to do would be to have the State Forester go over there and get the Ms. and stick in the slips. It costs \$3.00 to go down there and I would have to pay that and then may be I would run into trouble. Well the State Forester, Wilson will be here next Thursday and I will take this matter up with him and in the meantime if we can get interpolations in we want them. I know you wish the paper as complete as possible. I was informed that there will be no galley proof but the very first will come in page proof. Such procedure kind of knocks interpolations after the page proof comes out as it would necessitate changing all following page numbers, etc. Then the best way out would be to make footnotes. But I feel certain we can get the present Carex in before Carex is set up. I have not gone over the Fernald paper, just started, and I may find enough stuff to make it worth while to go to Indpls and tip in myself. So make decision on Carex at once and I will send on at once.

I am sincerely yours,

Chas. C. Seam.

Have not yet worked *Bulbostylis*. I have the old name. Weatherby advised me to use the old name because I did not wish to make the new combination. Weatherby while he was here went over my stuff and he isolated some of the variety which I think is extremely weak except he has added characters

D am

*Coming home Monday
filled in 6 items on fly, 2 on paper
plant. Botanyton circulate in common
at Lake Crest in Lecky by me
but I could not find it
all made plants for me*

Digitized by Hunt Institute for Botanical Documentation

extra

October 25, 1938

Mr. C. C. Deam,
Bluffton, Ind.

Dear Deam:

I believe I had better review your material of Carex digitalis, after all, so that some definite statement can be made in the Flora (perhaps a footnote) with regard to the situation in Indiana of Fernald's purported variety.

In repacking your Carex collections I left them in the Britton and Brown arrangement, as you had them, and I believe indicated on the side of each its contents, so this may help in locating this species.

I am enclosing a bill of lading to cover express charges on the package.

Sincerely yours,

F. J. Hermann
Associate Botanist

Inclosure
FJH-G

October 24, 1938

Mr. W. H. Eichhorn,

Bluffton, Ind.

Dear Sir:

Please accept my sincere thanks for your cordial invitation to the testimonial dinner in honor of Mr. Charles C. Deam. It would give me great pleasure, indeed, to be present on that occasion and I regret that acceptance of your invitation is precluded by my duties in Washington.

The recognition of Mr. Deam's achievements by his fellow citizens must be a cause of deep happiness to him, and certainly this recognition is well merited. With unusual foresight the people of Indiana, and in particular his numerous friends in Bluffton, clearly appreciate Mr. Deam's services in having devoted so large a portion of his life to an extraordinarily thorough study and interpretation of the flora of his State. His unstinting devotion to this task and his indefatigable energy in carrying it out, as well as the value of its accomplishment to Indiana, must be well known to the people of Bluffton. It may be, however, that the full scope of his scientific attainments is not readily apparent except to botanists beyond the boundaries of the State. There have been many works published on the plant life of various states, some pertaining to particular groups of plants, similar to Mr. Deam's books on the trees, on the shrubs, and on the grasses of Indiana, and others embracing the whole flora, similar to his monumental work now in press, but I believe it may be safely said that, until the appearance of Mr. Deam's studies, these have all been largely, if not wholly, compilations. It was Mr. Deam who introduced so large a measure of originality into treatises on local floras, and for this reason his books are recognized as classics in botany and must serve as models for all future studies in this field. It is because his works are so replete with original observations, too, that their usefulness is not confined to students of the vegetation of Indiana; they are invaluable sources of information to botanists everywhere.

Further, I think it must be held an achievement of first rank to be able to produce books of sound scientific merit, as Mr. Deam has done, which are useful and intelligible both to the layman and to the scientist.

- 2 -

This is a feat which professional botanists very rarely have the ability,
and laymen seldom the knowledge and experience, to do.

Very cordially yours,

Frederick J. Hermann
Associate Botanist

FJH-G

Repl. 10/15

STATE OF INDIANA
CONSERVATION DEPARTMENT
DEPARTMENT OF PUBLIC WORKS

Board

Governor M. Clifford Townsend
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George H. Newbauer

INDIANAPOLIS
Bluffton, Ind.
Oct. 5 1938

Administrative Officer
V. M. Simmons

Dear Hermann: Your letter of Sept. 27 was duly received. I finished the Flora at 10,30 Sept.28 and it begin to get mildewed and it went to Indpls tomorrow. Called for it today and took it to Fort Wayne and tomorrow to Indpls. It is to be taken to the State Printer Friday? That is 9 days delay. The Lord only knows when it will be published. Has Wilson taken up with you the matter of reading the proof. I told him to do so. Those guys at Indpls are too slow for me. Must be told and then reminded a half dozen times. Well the Flora goes in, in pretty good shape. It has so many gadgets that reviewers will shoot at em and forget the real text. By the time they shoot Torre & Harms nos. deleting periods after abbreviations, etc. and to skin me alive on the Habitat terms their space for a review will be taken. I must select my reviewers if I can. Of course I do want to get as many as possible. I only wish you were free to write one but since you are such a heavy contributor it might not be well for you to do so. Then I am expecting some one to call it a compilation, etc. I am free to admit the more difficult parts have been contributed but I turned the grindstone some myself. Well I have this satisfaction I did my darneest to give the reader the best book I could.

So far as I know it is up to date. I wrote Woodson about the Vincetoxi cum but he was in Panama. Then I bundled them up and sent them to Alexander over a month ago and I have never heard from him. Do you know where he is?

Again back to the reviewers. Have you any suggestions. I think I can get Weatherby to write it up in Rhodora. He reviewed my other books. He will be fair, etc. OVER

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You never realized the status of botany until you try to write a book like the Flora. Well one thing that exposes the whole affair is the recent paper by the Botanical Soc. of Amer. Exploratory of the teaching of botany in colleges and universities. Well I am dumbfounded that 26 think the principles of taxonomy should be emphasized while the morphology and classification of non-green plants ⁷¹fl. Something should be done about this. Too long to harangue it here. You know my sentiments. Send your boy to college and when he comes out he can not tell a beech from a sycamore but if you can find a microscope with a long enough barrel he might be able to tell you what an ^{alga}algae or such an animal or chromosome is.

Well the Indiana Flora for the greater part was written by an old man over 70, not withstand the guy who wanted to chloroform all over 60, and by one who never saw a chromosome (pictures only). Well ~~is~~ this is not an anomaly. Guess so long as the readers (high brows) do not know it, all is well. Back to the reviews. I wish I could get it into Science but to do so the review will have to be written by some one who has a drag. Gleason might do it but an ecologist will not only brain me but annihilate me because of that habitat section. It could be reviewed in Jour Bot. (N.Y.) Gardens, by Schaffner in Ohio Jour Science, by Dr. Just in Amer. Midland. May be that is enough

I note your luck in getting a botanical companion. Darn these botanists who want only to exercise their heels. Same way at Ind. Acad. meet. A few bring a tin can about big enough to hide a pint.

I regret you and Allard had such tough luck. I have now forgotten what it was but I took Allard to task about something. I am glad he is a real feller. Give him my best regards.

By the way Friday I set out on a trip to sw. Ind. to be out a week or more. At Bedford I pick up Kriebel who will drive and be boss. I want to work Hovey Lake. The state is buying it. If I pick up any thing worth while I will relay it. Fact is that last in the year is a mighty fine time to botanize and get fruiting specimens, which are much lacking in herbaria I am still after Smilax, ^dRusbeckia, and Sagittaria. ~~OVER~~

In regards to *Eupatorium rugosum* (*E. urticaefolium*) will say our plants run from nearly glabrous to densely pubescent. I say "All of my specimens are generally densely short pubescent in the inflorescence and on the upper half of the stem, and in a few plants the stem is villous (Posey County plants, brackets not in text) (var. villicaule Fern.) The leaves of all my specimens are abruptly cuneate at the petiole except in my Lake and Warren County specimens in which they are slightly cordate at the base. If I chance upon a Posey Co. plant I will get one for you. There it grows on the slopes of those deep loess roadside cuts.

Well I think of nothing else. Did I tell you that Oct. 27 they hold a mock funeral for me here (business men) (Testimonial Dinner) Gosh I never dreamed I was important enough for any one to start such a movement. They had it going a month before I knew it. First I knew of it was when I read it in the paper. "Believe it or not" wife knew it all the time and she had access to my address book and she dug up all my correspondents and was going to send them all an invitation. You was on the list. I told her to cut it out. The idea was to get absent guys to write a nice letter and probably read it, etc. Now I am just like you I want just as little of this as possible. I always hated a uniform. Lieber (former Director of Conservation) ordered all employs in the Dept. to wear a uniform. I told Lieber to choose between uniform and me because I wear no uniform, not even a badge. I always ^{carried} ~~carried~~ a badge in my pocket to identify myself as a state officer if occasion demanded. I never believe in putting a guy in the lime light except he is a criminal no. 1 and these need to be know so they can be hanged. Well you will not be pestered with an invitation. They are planning on having 500 hundred plates,

I thought I had better ^{write} ~~right~~ before I left because such a trip as the one I am about to take ^{may} ~~make~~ put an end to me. Today it completely overcast and raw wind and looks as if a fall rain would set in any time. One thing I want to do on this trip is to take Kriebel to all the points of interest in the sw. part of the state so that next year, probably OVER

last week in August they will have their summer botanical trek and he will be leader and he can take them to the important places.

We want to study the oaks (*Q. Shumardii* and *Q. Schneckii*) He and I do not agree on this as yet but if we find enough trees we may get together on it. Kriebel is not satisfied that *Q. Schneckii* can be separated from *Q. Shumardii*.

I have a problem which I have not yet tackled. George Perry many years ago sent me two *Quercus pillicifolia* and they are different. One has a deep cup and the other a shallow cup and leaves are also different. For three years I have been trying to get mature acorns and I thought it was the squirrels. This year I fenced in the trees and set two rat traps and yet the acorns began to disappear. Then I told my man who works here to get a chair and station himself near the tree at 5,00 A.M. and not leave until he had the marauder. Soon he found a jay bird come and get an acorn and flew to the nearest tree and ^{ate} it and back again. So then I bagged the acorns that were left but I will have enough to make my study. Doubtless I will have to turn the material over to some one, probably E.J. Palmer.

"Well Hermann be a good boy (and I usually tell people to work hard and save your money) but this is all unnecessary for you. I hope your family is now normal and behaving in orderly shape. I hope you can pass one winter without a hospital or a doctor.

Sincerely yours,

Chas. C. Team

Bluffton, Ind.