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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.



THIS SIDE OF CARD IS FOR ADDRESS



Mr. Roy M. Kordine
Morton Arboretum
Lisle
Ill.

This is to inform you that my father, Charles C. Deam, died in the Clinic Hospital at Bluffton, Indiana on May 29, 1953 at the age of 87. Mother's death in the same hospital on April 23, 1953, followed a period of illness after a fall last October. She was 82.

Roberta Deam Ortenburger
Roberta Deam Ortenburger
(Mrs. A. I. Ortenburger)
933 Wilson Street
Norman, Oklahoma

933 WILSON STREET
NORMAN, OKLAHOMA

September 26, 1955

Mr. Roy M. Nordine
Morton Arboretum
Lisle, Illinois

Dear Mr. Nordine:

I am very sorry that all of my father's books are now dispersed. As I wrote you a year ago, I had listed those still available, but since then Purdue University bought a few, scientific journal dealers bought most of the journals, and I gave all the rest to various colleges which were interested. I suppose you know that the main library on botany was contracted for by Indiana University long ago, in the 30's, and also the entire herbarium.

Since I wrote you last I have sold the house and the arboretum to a local man, a builder who is remodeling the house to live in himself. He says he intends keeping the arboretum, and I am told he is quite interested in it.

Very sincerely,

Roberta Deam Ortenburger
Roberta Deam Ortenburger

It just occurred to me that perhaps you might acquire some of the books of Dr. J. E. Potzger, of Butler University. A friend sent me a clipping telling of his recent death. I think he had a pretty good library.

RDO

August 26, 1955

Mrs. A. I. Ortenburger,
933 Wilson St.,
Norman, Oklahoma

Dear Mrs. Ortenburger:

Thoughts of your father returned yesterday in trying to solve a problem of identification.

We would sometime like a list of the books and literature belonging to your father that you are attempting to sell. There may be items of interest among this material that should be a part of our library. We would like to look it over if a list is available.

Very truly yours,

RMN:ej

Roy M. Nordine

Mrs. A. I. Ortenburger

933 Wilson Street, Norman, Oklahoma

Aug. 17, 1954

Mr. Roy M. Nordine
Morton Arboretum
Lisle, Illinois

Dear Mr. Nordine:

I hope I have long ago answered your question about the specimens from the collection of my father, Charles C. Deam; the herbarium has been transferred to Indiana University.

You expressed an interest in the old home-place. As yet I have not disposed of it at all; the house is rented to Father's former partner in the drug-store while they build a new home. My efforts and those of a local committee to find a buyer for the arboretum to maintain it for its scientific value have been entirely unsuccessful. It is too small, too far from colleges, and so on. The library on botany including all purchases up to 1943 was sold to Indiana University, but there still remains the books and most of the journals which he bought since then, as well as many old books on Indiana history and early travels. These I have had listed and would be glad to send you a copy if you think that there would be anything of interest to the Morton Arboretum. Do you have any suggestions about a buyer for the property? If it finally turns out that I do sell the place as real estate, I should be very happy to give you any plants or cuttings that it would be worth your while to come after.

Thank you very much for your interest.

Sincerely,

Roberta Deam Ortenburger

933 WILSON STREET
NORMAN, OKLAHOMA

Nov. 14, 1953

Dear Mr. Nordine:

Thank you for your nice letter. As to the herbarium specimens from Father's collection, I suggest that you send them to Dr. Paul Weatherwax at Indiana University, as the entire herbarium and all the cases have been transferred to Indiana University. The botanical portion of his library is there also. I still have the botanical journals in a complete series from the last ten years and the botanical books that have been purchased in that time. As soon as I can have the books cataloged I hope that I will be able to dispose of them satisfactorily.

The house and land, including the arboretum, are still a problem. The household furnishings that I could not bring to Oklahoma were sold at public auction, and the house is now being rented by the E. B. Youngs (he was Father's partner in one of the drug stores), while their new house is being built. But the arboretum I hope to sell to some agency that will appreciate its scientific value and preserve it for study. You know, I am sure, about all Father's records of dates of flowering, leaf fall, frost damage, non-survival of species planted, etc. These records go back to 1923. There is a local committee of Bluffton citizens who are hoping to interest an educational institution, or more likely a group of philanthropic individuals of the State, in buying the whole place to maintain it as a research center. I hope it will be possible. Do you have any suggestions? Mr. Dentyl of Purdue spoke of propagating cuttings in a greenhouse of some of the more unusual shrubs and trees. Does that sound feasible? I know how high an opinion Father had of you as I have heard him speak of you so often, so I shall appreciate any suggestions you may have.

Sincerely,

Roberta D. Ortenburger
Mrs. A. I. Ortenburger

November 4, 1953

Mrs. Roberta D. Ortenburger
933 Wilson Street
Norman, Oklahoma

Dear Mrs. Ortenburger:

I have just found some Herbarium sheets (about 6) that belong to your father's collections. They came a year ago as the result of some correspondence. I was sure they had been returned but today they reappeared. Would you know what we should do with them?

The Herbarium is greatly indebted to your father and his work. We received many plants from him plus a great deal of correspondence. I enjoyed your parents very much and visited in their home on several occasions.

We would be interested to know about the disposition of their home, especially of the fine collections of plants that he loved so much.

Yours very truly,

Ray M. Nordine

RMM:ER

Charles B. Heiser, Jr.
Botany Department
Indiana University
Bloomington, Indiana 1955



Dr. Roy M. Nordine
The Morton Arboretum
Lisle, Illinois

September 16, 1955

Roy M. Nordine
The Morton Arboretum
Lisle, Illinois

Dear Dr. Nordine:

We have received the return loan of Quercus
texana from the Deam herbarium.

Sincerely,

C. B. Heiser

Charles B. Heiser, Jr.
Assoc. Prof. and
Curator of the Herbarium

Bill:
This is a copy. Just tear up. I was of course greatly appreciative
of this letter from Mr. Deam but equally amused at a fellow 83 or 84

CHARLES C. DEAM
BLUFFTON, INDIANA

years old keeping up the
steam that always motivated
him throughout life.

May 30 1949

Roger Swaim

Bluffton, Indiana

Dear Roger: Congratulations on being the recipient of a Loving Cup.

Why did you received it? Because you deserved it.

We and Bluffton people are proud to know that our "Editor" is
in the distinguished class. This reward will always be an optical
remembrance of a merited achievement.

Please accept the very best wishes of Mr. & Mrs. Chas. C. Deam.

Chas C Deam

15660 Gardenia Way
Los Gatos, California 95030
Nov. 20, 1974

Library
Morton Arboretum
Lisle, Illinois 60532

Dear Librarian:

Quite some time ago my husband sent the article about Charles
Deam, which appeared in a Morton Arboretum quarterly, to the publisher
of the Bluffton, Indiana, newspaper. The publisher, Mr. Roger Swaim,
sent my husband the enclosed letter and magazine. I thought perhaps
you'd like them for your files about Mr. Deam.

Sincerely yours,

Evelyn F. Canfield

Mrs. Wm. F. Canfield
Formerly of 242 Taylor Avenue,
Glen Ellyn, Illinois



Evening News-Banner

BLUFFTON, INDIANA 46714

PHONE 874-0224
AREA CODE 219

March 15, 1973

Dear Bill,

Since it has come to pass that you heard about Charles Deam I am sending you the September 1971 issue of the Indiana Magazine of History which tells a great lot about Mr. Deam.

I had ordered a dozen extra copies and am now down to two. You may want to pass this magazine along to somebody. No need to return it to me.

It is my belief that Carol Doty hit it just right when she referred to Mr. Deam as "An Uncommon Common Man."

Your sending "The Morton Arboretum" copy stirred me into going out to the Six Mile cemetery this afternoon to see where the Deams are buried. Can you imagine my never having done this before?

Somewhere in the articles it was said Mr. Deam and Mrs. Deam rested beneath two large slabs of cement, or words to that effect. That is not true. The slabs are over Mr. Deam's father, John H. Deam, and his mother, who died at the age of 37.

Next to the slabs which were headed by a large upright tombstone is the grave of John H. Deam's second wife. Next to this is a more modern tombstone for Mr. and Mrs. Charles Deam.

There, too, is the grave of a son, Robert, who died when a baby. Another child was born to the Deams, a daughter, and she was named Roberta. My thinking is that the Deams liked the name "Robert" and just added an "a" when the girl was born.

All of this is just dawning on me at this late date.

Roberta graduated from Bluffton High School, was exceedingly smart and, I believe, was the class valedictorian. She, too, is dead, but not buried out at Six Mile cemetery. She had married an Ortenberger and three children were born to their union. All three sons, I believe. The Ortenbergers lived somewhere in the Southwest.



Evening News-Banner

BLUFFTON, INDIANA 46714

PHONE 824-0224
AREA CODE 219

While Charles Deam was not wealthy he always seemed to have enough money with which to get along. No big cars for them . . . usually a Ford, as I remember it.

After selling a half-interest in Deam's Drug Store to J. R. Spivey Mr. Deam was free to roam all the more. In his later years I would usually see him only at his drug store, where he would be loafing after coming uptown from his home and arboretum only a few blocks away . . . along the Wabash River.

Mrs. Deam was the one we would see around town so much. A fine woman and usually trying to do good for other people, she was quite a "go-er." In fact, she had a record of careless driving.

One time I followed her in my car as she drove up Market Street and she drove on the left side of the street all of the way. In fact, people used to tell others that "you drive like Mrs. Charlie Deam." Even I was accused of this a time or two. . . still am by Gelia.

Charles Deam usually spoke the way he felt about things, many times quite caustically. However, he was highly respected and I never knew anybody to feel he or she had been insulted by him.

He never had any use for tobacco or alcohol. Of course, he did sell tobaccos at his drug store. He told me once that schools should operate continuously throughout the year . . . that summer vacation was a waste of time . . . that buildings cost too much to remain idle.

As I remember it, and this may be faulty, he did not belong to any church. But he was a good man through and through.

He was a Democrat, but he told me once that he never argued over politics or religion.

My earliest recollection of him was when I was an early teen-ager, about 13 or 14. I would be in his store some and it was always interesting to me to see the men drop in, buy a cigar, clip off an end in a "clipper" on the counter and light the cigar at a gas jet on the counter, which burst out a tongue of flame when a button was pressed. You're too young to remember those days, aren't you Bill?



Evening News-Banner

BLUFFTON, INDIANA 46714

PHONE 824-0224
AREA CODE 219

Here is somewhat of an interesting story which ended all too unhappily.

As you have read, Mr. Deam traveled all over Indiana. At Rockport in the southern part of the state he ran into a boy (a pharmacist) that he liked. Eli (Bud) Young was his name. Mr. Deam had a great affection for him and installed him in his Bluffton drug store.

Incidentally, Bud Young told me about living out in the country near Rockport and that there was a nearby family large in number. One of that family was Florence Henderson, who later became a singer on stage and TV. The Hendersons, he said, had economic problems. An Owensboro, Ky., woman took an interest in Florence and financed her singing lessons.

A few years passed after Bud Young came to Bluffton to work in Mr. Deam's store. Mr. Deam bought a second drug store, making Young a half-partner.

Young put in liquor against Mr. Deam's wishes. However, Mr. Deam said Young owned half of the store, he was the manager of it and that he (Deam) would not interfere however he ran the store.

Mr. and Mrs. Young, who had a son, incidentally, built a beautiful expensive home, but little happiness ensued. Young had become an alcoholic and it was even said he mixed drugs with the alcohol.

male - One morning Mrs. Young found him dead in their palatial home. Mrs. Young, too, had taken to alcohol and became a "figure" around town. Her driving about town became a mess. Previously prominent in sorority circles, she stopped to being squired every night at her home by an old degenerate much older than she. This went on for weeks, then Mrs. Young was found dead in their palatial home.

Young had not wanted to build this home as it about broke him, but his wife had ambitions and couldn't be stopped. Mr. Deam had died before all of this took place.

I saw mention of Hartwick Pines in Michigan. They are something that I never knew existed in the Middle West. They are near Houghton Lake, Michigan's largest lake. Don't fail to see them if you ever get near that area. Virgin trees that shoot to the skies, a stillness that is transfixing,



Evening News-Banner

BLUFFTON, INDIANA 46714

PHONE 824-0224
AREA CODE 219

a quiet chapel in the center of the forest.

Thanks again for sending the Morton Arboretum quarterly. While we have published much about Mr. Deam over the years, we can always use more and I find that there is considerable added information in the quarterly out of which I can build up another interesting feature write-up.

I forgot to say that Purdue used to bring classes over to see the Deam Arboretum. When the Deams died an effort was made to get Indiana University or Purdue to acquire the Arboretum and look after it, but to no avail.

But all of the trees are still there and the old Deam barn is there as it was, but the Deam residence has been extensively remodeled by the owners, Mr. and Mrs. Cliff Baumgartner.

The somewhat famous "Deam's Oak," which is a couple of miles north of Bluffton toward Huntington, still stands. It is surrounded by a heavy wire fence with no place for entry. You just view it from the road, or at least from the ground outside the fence. For several years Indiana's official state map carried the place as a State Park. It was a laugh a couple of years ago when an Ohio family came over to the place expecting to find a nice big place for a picnic.

Glad to know that you and Evelyn have enjoyed nice summer vacations.

Celia and another gal are over at Fort Wayne today, Celia having declared she didn't have anything to wear to the Hoosier State Press convention next week. I didn't get much response when I suggested it wasn't necessary to wear anything any more the way things were going across the country these days.

Then, the first week in April we will be attending the open house of the LaPorte newspaper and then Inland in October.

My only regret is that I can't write short letters like Dale Stafford always did. Celia says that my trouble is that I am too "copious." I don't know yet whether she meant my letters or my waistline.

Sincerely,

Mr. Roy M. Nordine
318B So. Lakeshore Dr.
Lake City, Minn. 55041



SERVING
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UNITED STATES POSTAL SERVICE

Carol Dohy

Mr. Walter Eichholtz

Morton A. Shontz

Isle

1660532

June 14. 77

Dear Carol,

The last issue of the Bulletin
carried an interesting story of CC Seam.
I had a groovy amount of correspondence
with him and all filed in 4 separate
folders - labeled "Seam" - in the drawer with
correspondence from the various Anatomists -
W.E.E. got this file cabinet - I don't
know how or where it is. I visited his place
several times and showed him around
MA on a trip he made - He was still
disturbed about Laureus Seami. He was
rather sure he gave the wrong parentage
for this hybrid.

I had lots of correspondence with
many people - One that comes to mind is
Arislen Bore the Crabapple expert from
New Mexico. My first file was stored out in
the storage shed east of the greenhouse.

Sincerely

Dear Mr. Nordine:

I would identify all of the specimens as *Quercus shumardii schneckii* (or the Schneck oak). This is an extremely variable group, and it may be that further revision of the taxonomy will be done if, as, and when someone can devote enough time to the problem. But, as the present nomenclature stands, there doesn't seem to be enough of a difference in these specimens to warrant placing some of them in another species or variety.

[Signed] Swink

Leads, etc

[# 417-45 (# 116) - one envelope
416-46 (# 117) - one envelope]

See Discarded.



C. E. GOODSHALK
DIRECTOR

THE MORTON ARBORETUM

JOY MORTON, FOUNDER

MRS. JOSEPH M. CUDAHY, CHAIRMAN, BOARD OF TRUSTEES

PHONE: DOWNERS GROVE 74

LISLE, ILLINOIS

E. L. KAMMERER
ARBORICULTURIST
MRS. RAYMOND WATTS
NATURALIST
ROY M. NORDINE
PROPAGATOR

March 13, 1953

Mr. C. C. Deam
Bluffton, Indiana

Dear Mr. Deam:

Enclosed are leaves of two lots, [↑] seed of which I received from you in 1945. They are now fine trees and have never shown any winter damage. The only reference in our library for this species is found in Sargents Manual page 245

Our #416-45 is Deam #63896. Our 417-45 is Deams #63895. Could you check our specimens with yours for comparison. Do you think our plants show some hybrid character?

I will be anxious to learn what you think of our plants.

Yours very truly,

Roy M. Nordine

Roy M. Nordine

*Please return the specimens.
Greetings to you and
Mrs Deam.*

RMN:ER

CHARLES C. DEAM
BLUFFTON, INDIANA

March 24, 1953

Mr. Roy M. Nordine
Morton Arboretum
Lisle, Illinois

Dear Mr. Nordine:

The leaves you sent arrived O.K. but found me sick and I have no way of studying them so I am sending you all the specimens I have of this peculiar oak, and I ask you to study them and return them. The labels tell the story. I don't think you can do much with the leaves as they are dry, before they are dry the one with the deep cups are grayer and more or less pubescent. You will have to distinguish them by the acorn. The history is as follows: I was crawling up the side of the mountain and I got a pocket full of acorns from one tree, then moved a short distance and got a pocket full from another tree. I planted them in two lots and I planted seedlings in each lot. You will notice the acorns of one ~~have~~ deeper cups than the other. And they are uniform. I had two trees with shallow cups. Now I am puzzled about this tree, Palmer thinks they are the same and named them for me. Now here is a problem for somebody to solve. There are three oaks that have the same tendency, *Quercus prinoides* has the same thing. One form has a deep cup and the other a shallow cup. *Quercus Muhlenbergii* has two forms and Britton and Schaffer in their *Trees of North America* separate them into two species and I do not just recall but two students of Univ. of Kansas made a historical study of the two and they pronounced them two species, but recent authors combine them. I know of no other people since Britton and Schaffer who have combined them. Sorry I can't go into detail but I'm too sick to do so.

Let me know what you think about them.

Sincerely yours,

Charles C. Deam

CHARLES C. DEAM

CCD:av

CHARLES C. DEAN
BLUFFTON, INDIANA

Sept. 15 1952

R. M. Nordine,
Lisle, Ill.

Dear Mr. Nordine: Your letter came Saturday but I have not been able to answer before. So far as I know fruiting of trees as about out. I have nothing that is a full crop except two species of 'hellodendron. Walnuts sparse or none. Buckeyes a few Aesculus octandra probzably probably 20 fruites. My eyes are bad. I will send them as soon as they fall. No oaks of any kind except I have 2 trees of Q. rubra(Q. maxima with some and a tree of Quercus texana(shallow cup, I enclose a sample it has a shallow cup and the tree beside with a deep cup I found on small fruit whicg I send. seed i collected in Pratt National Park in Okla Okla in 1929 I think the two are different, divided just like Q. Muhlenbergii. I can send the shallow cup, the other too scarce to find.

Friday I went to the country to get a hichory and i had to be brought home in an ambulance. Firtunat elty an M. D. our best onewas out in the country 4 mi. and saw me and telephoned for ambulance. I am no good any more and never expect to be. Please pardon typo errors.

Pleased to inform you I am sending in 6 pages proof of my Revision I looked for seedlings of Quercus lyrsta. None there. I must have ta ken elm for oak or the high w ter killed them off. At least none there now I have spent over 200.00 to keep the arboretum up ti year.

Best wishes to you and tell ~~Ellenberger to revise his shade tree list, -4 species he recommends will not do any good here.~~ (Error)

I hope I can live long enough to read all the proof of the revision and I wish I had another chance at Carya. We have a few novelts circa here. Getting one Friday almost put me out of business.

Best wishes

September 8, 1952

Mr. C. C. Deam
Bluffton, Indiana

Dear Mr. Deam:

Last fall you sent acorns of *Quercus rubra* Deems #66559 from Friesner #24883. Did you ever change this determination? The seedlings grew very well and have made a fine growth.

Would you sometime examine your two plants of *Quercus illicifolia* to see if seed is available this year. I can use whatever is available.

Mr. Skinner, a nurseryman 300 miles north of the border in Manitoba, has just sent me a request for seed of various *Aesculus*. I can fill all but *A. octandra*. Remembering your fine trees, if you can send some nuts I will gladly forward them.

Last fall in my quest for *Quercus lyrata* you said you could mark a few seedlings. If you cannot dig them I may come over later to tend to this.

I do hope you are able to continue in your work and your interest in plants.

Give my regards to Mrs. Deam.

Sincerely,

Roy M. Nordine

RMN:ER

CHARLES C. DEAN ^m
BLUFFTON, INDIANA

[shortly after 9 Jan]

R. M. Nordine

Lisle, Ill.

Dear Nordine: Your letter dated Jan 9 came the next day after I sent you the Quercus lyrata cuttings. Seedling was bought of the Biltmore Nursery and planted in 1913. In 194⁹ it was 47 $\frac{1}{2}$ inches in circ. dbh. The Juniperus conferta is from a seedling 15 inches long from the Boyce-Thompson Arboretum planted Apr. 30 1930. It is one of three planted. It is the smallest of the three. Thanks for permission to see the Quercus lyrata acorns. They came in this Sat. mail and will be mailed to Steyermark early Monday Morning to Chicago Museum. Our post office does not take parcel post after noon on Sat.

Very best wishes, I am sincerely yours

Chas. C. Deam

Chas. C. Deam

Also for the data on the acorns. Heretofore things grew big for Truman in Mo.

Acorns came from Jimmy Logue and I wrote him they came O. K.

CHARLES C. DEAN
BLUFFTON, INDIANA

Jan. 8 1952

Roy M. Nordine

Lisle, Ill.

rec'd 2 letters
1/10/52

Dear Sir: I have just read your letter dated Dec. 3. I regret to inform you I am no good and seem to be going down hill. It is about all I can do is to read my mail and magazines. Every hour I can I spend on Prunus and it seems as if I can not make a key that will not conflict. I hope I will feel like trying it tomorrow.

The weather is promised to be better beginning tomorrow. Our car is in hospital and we are expecting it tomorrow. If and as soon as it comes I will send you cuttings of my *Quercus lyrata* and I have made a memo that if there are any seedlings under tree I will send them to you in due season. Also the cuttings of *Juniperus conferta* (Shrooe Juniper) from the tree you refer to. We have three and the one you refer to is the smallest of the lot.

Yes the Missouri acorns are *Quercus lyrata*. Think I wrote you about Harper's article in magazine on the felty layer which makes all acorns float. The darn river is now up and over the low ground of the arboretum. Donald Wyman in his article on Elms should see my specimen of *Ulmus serotina* which is 37 inches in circ. dbh. from seed of 1926. In my judgment this species is the best of all my elms. No seed last fall from either it or *Ulmus ~~pumix~~ parviflora*.

Must sign off and go to bed. Watch for the sending, will get it off during this spasm of warm weather if we get our car. Mrs. had a minor wreck. Best wishes, I am sincerely yours

Chas. C. Deam

Chas. C. Deam

January 9, 1952

Mr. Charles C. Deam
Bluffton, Indiana

Dear Mr. Deam:

I have received another lot of acorns of the oversized ones sent you previously. Both lots came from a man in Cartersville, Missouri and were gathered from a street tree in Joplin. This new lot is even larger than the first lot. I want several individuals to see them so I sent the entire lot to Jimmy Logue. He has instructions to send them to you and if you will send them to Julian Steyermark it will complete the cycle. No one is allowed to keep a souvenir as I want to plant all the nuts, after recording the size and having them photographed.

I note your request for a seedling and this shall certainly be taken care of if seedlings appear. The man who send the acorns is Benjamin Auten, Cartersville, Missouri. He knows E. J. Palmer, the two towns adjoin each other.

The *Juniperus conferta* I want cuttings from is the plant directly north of your house, the one on the bank just below the sidewalk. The last foot or so of each branch that has branchlets six to eight inches long is ideal for cuttings. If this material was sprinkled with water and wrapped in wax paper it will travel in excellent condition. It will arrive here within two days.

Your offer to mark and save seedlings of *Quercus lyrata* this year will be appreciated.

With personal regards to you and Mrs. Deam, I am

Sincerely,

Roy M. Nordine

RMN:ER

CHARLES C. DEAM
BLUFFTON, INDIANA

Dec. 6 1951

R. M. Nordine,
Lisle, Ill.

Many Thanks

Dear Sir: I have your letter of Dec. 3 and the box of acorns this mail. The acorns are surely some size. I think you named the species Q. K. but when you wrote I thought it might be Q. macrocarpa. I have a specimen of Q. macrocarpa which in many ways is a ^a match for yours except that yours has a ring of felty inside the cup. If you have a chance read up what R. M. Harper writes on this acorn in Bull. Torrey Club 66: 610. 1939. Acorns of Q. lyrata float and never sink because of this lining of felt. When I collected my Q. macrocarpa ⁱ collected additional acorns and I have now given them ^b away except a few small ones. The scales have coalesced and the cup is pebly except the pebles are not exactly round but somewhat oblong. I have hoped I could be able to find this tree again and get viable nuts. I made a museum specimen of ^t what you sent me. I am sure not one of the two nuts would grow ^{so} here is my order. You send me a good 2 yr old seedling and I will send you 2.00 for it. You send it no matter if I am dead when you send it, but make sure to bill it and the Mrs. will send you a check. I just can not make out why I did not plant some of the nuts I gathered. I think I can walk to my tree but no one but R. C. Friesner could find it. In directing Friesner about all you have to do it to give him the cardinal direction and he will get it. He is the only man I have ever found who can locate such things. He is a wizard in finding things. We have a Quercus lyrata here but this year it had no nuts. First time it has failed for years. My tree came from the Biltmore Nursery and planted, 2-3 ft. seedling. in Dec. 1913, costing me 25 cts. Probable cost for a nigger to dig it. You can now buy from the robber nursery a tree 1½ inch for about 15.00. My tree has never frozen a bit at any time. I note you ask for some cuttings of the Juniper conspecta

Nordine page 2

you know I have three large trees. You mention the one just north of our yard. This is the smallest one, Can send you any amount, only trouble is the wrapping and shipping.

By the way I tried to locate a seedling of the ^QQlyrata but I could not find any. The power mower ^{had} cut them down. Next year if any seedlings appear I will mark them with a wire stake so if you can use them I can locate them.

No I have never seen a plant of the Metasequoi??? Some one offered me one but I refused it because it is so rare and I hated to deplete the stock. I read about it and recently I read a glowing report on it. I am planted up and all I want now is some novelty such as your oak. I note your box came from Jimmy Louge. He sure is a character. I never received any thing from him but I have sent him stuff. Once he asked for acorns of Q. Beboiana and I have a tree which a few years ago bore several bushel of nuts. I asked him how many he could use and he said all I could get. Well it was ^{late} in the season and I had a boy to pick up all he could find and if I recall correctly he got about 1000 good nuts.

Let me know when to send the Juniper and how much and if you can use any cuttings from my Q. lyrata tell me and how much.

Nordine I am about all in. I just can scarcely work at all. My preference is the day bed. I do try to mill over some stuff an hour or to each day. Spent last night on Quercus rubra and var. borealis(Gray Man.) and Q. Shumardii and its var. Schneck ii. If you match extremes you can not tell "tother from which". Now I have a specimen of Q. borealis rubra that has a cup like Q. Shumardii var. Schneckk, Cup more than half as deep as the nut. I have two specimens matching the Friesner specimen. One tree is located 30 mi. from here and if I can find some one to drive me I will see if it has any fruit. It is tough to get old, especially too old to work and ^{retain} your memory. My memory is fading fast.

Very best wishes, I am sincerely yours
P. S. If my sending comes after Christmas it will have a better chance to get through.

Chas. C. Deans
Olas C. Deans



THIS SIDE OF CARD IS FOR ADDRESS

Roy M. Nordine
C/o Morton Arboretum
Lisle
Illinois



THIS SIDE OF CARD IS FOR ADDRESS

Mr. R. M. Nordine
C/o Morton Arboretum
Lisle
Illinois



THIS SIDE OF CARD IS FOR ADDRESS

R. M. Nordine
C/o Morton Arboretum
Lisle, Illinois

CHARLES C. DEAM,
R. R. No. 3, Box 1,
BLUFFTON, INDIANA.



R. M. Nordine,
C/o Morton Arboretum
Lisle
Illinois

Give me locality of your account

Bluffton, Ind.

Nov. 2 1951

Dear Nordine: Your card received this A. M. that you plan to drop off and call next Monday. Make your stay as long as you can. I have plenty questions to ask of you, etc. I am at same old place but Father 'Ime has about put me out of business. I am to see my M. D. in a half hour so I must get there. I can cripple along but I can not work but little. I fatigue at nothing.

Sincerely yours

Chas. C. Deam

Chas. C. Deam

Nov. 14 1951

Bluffton, Ind.

Dear M^{rs}. Nordine: Cut a few sprouts from the Liquidambar formosana which I mail you this P. M.

The leaves were green until you brought that blizzard if you were guilty. Hope you had a fine visit at Wooster. Mr Diller used to stay all night here in his trailer until they stopped him. Diller is a good forester, Sincerely hoping the sprouts will be of some value to you, Sincerely yours, Chas. C. Deam

Bluffton, Ind

Nov. 16 1951

Dear S, r: I take it you survived your trip.

Just received a bag of acorns from Prof. Friesner about 3 pints. This is from an unusual oak. I have not yet received the leaf specimen but will in a few days, as soon as they dry for Friesner. Coll. Nov. 10. Can you use them for planting If so

write

me at once how many if all. In haste

Chas. C. Deam

CHARLES C. DEAM
BLUFFTON, INDIANA

Dec. 4 1951

R. M. Nordine

Lisle Ill.

Dear Sir: I am mailing you some *Nyssa sylvatica* var. *caroliniana* seed for planting. My accession numbers are 66335 and 66560

A tree on the south side of U. S. Road 41 as the road approaches Princeton, Ind. Gibson County. This tree is a ^ashade about 7 inches in diameter dbh. I have stratified some seed and between us I hope to a start of this valuable tree. Our pioneers called it "yaller gum" because it has a yellowish wood and splits like "poplar" This tree when the branchlets are flexed to a right angle they break while species just bend. The variety is southern in its distribution and grows to a large size. A common tree in woodland in vicinity of Princeton, Ind. The seed were gathered and sent me by District Forester, Wm. Fix of Princeton.

Sincerely yours

Chas. C. Deam

CHARLES C. DEAM
BLUFFTON, INDIANA

November 29, 1951

Mr. R. M. Nordine
c/o Morton Arboretum
Lisle, Illinois

Dear Mr. Nordine:

I sent you a box of acorns with my number and that of Friesner on a wood tag. So you can use my number or if you wish to write to Friesner you can use his number. Both numbers read "west edge of Bedford, Lawrence county on farm of Inman Harley."

I am sending a sample to W. H. Camp and to E. J. Palmer, I may not hear from them for a few weeks, but if I do and they have any comments to make on the specimen I will write to you.

Of the two native plums *Munsoniana* and *Hortelana* I am not able to tell you which have the conduplicate leaves. The books vary on this and my specimens also vary on it, but more of my specimens of the first name *specy* have conduplicate leaves.

With best wishes I am,

dam a leafy fern
Sincerely yours,

Char. C. Deam

CHARLES C. DEAM

CCD:av

1- 5' growth pub.
petiole veins & leaflets pub to glabrous.
20 Plts East - m

1- top 4' growth pub.
inside of groove side of petiole
pub close to stem pub.
balance glabrous.

1- all 5' growth - 18" pubescent
petiole pub on inside - glabrous
on outside

1- 5' growth 6 in slightly pub.

1- 2nd growth twigs & petioles
c veins ~~pub~~ pubescent.

1st 5' growth 26" light pubescent

1- 5' growth of 2 feet - upper
1- pubescent - petioles &
veins pubescent
1- 5' growth 3' - upper 6"
light pubescent

Praxinos pennsylvanica
Plt 264-48

52 Plts - 2 rows

CHARLES C. DEAM
BLUFFTON, INDIANA
Aug. 13 1951

Roy C. Nordine

Lisle, Ill.

Dear Mr. Nordine: Your parcel post pkg. and letter at hand. I have been sick and my typist has been sick for two weeks but she telephoned she hope to be here tomorrow eve. As you know Prof T. E. Shaw, Purdue School of Forestry and I are working on a revision of the Trees of Indiana. He took the shorter genera and the easiest one so he selected *Fraxinus*. Well he already sees his mistake on taking *Fraxinus*. Not so hard if you read what Johnathan Wright wrote in Jour. Forestry in 1944 and accept his findings. From my little experience I believe he is right so far as *F. pennsylvanica* goes. I looked the specimens you sent over carefully for some diagnostic character but I found nothing. Every node of every specimens sent were typical of the whole stem sent. Leaves too erratic to bother with. Wife and I went up our river $1\frac{1}{2}$ miles and we must have examined 20 or more trees. None in fruit and I have not seen a fruiting ash this year. Leaves on the trees (all small, about 6-8 inches in diam. were dark green to light green, glabrous to pubescent, margins entire to somewhat serrate. It takes time to look at the foliage of a whole tree and use pole pruner to cut here and there. Well here is my end view, that the product of handfull of seed of *Frax. pennsylvanica* will yield nest of forms. The seedling I sent you were all glabrous the first and second years or nearly so. These seedlings are like people, -they take on pubescent at arriving at puberty?, but some never do. Why??, write Nordine. Shaw is going to Indiana University to study my specimens which is large. Then we are planning a field trip for a week or more, starting in about 2 weeks, that is if I am able to go. My health is now hazardous. I fatigue in walking a square.

Nordine 2, Aug. 13 1951

When you consult Fernald's write up of *F. Pennsylvanica* and vars. in *Rhodora* 40; opposite page 454, his plate I get the jitters when I

made the experiment in making a museum specimen of a quart each of my 17 walnut trees. One was *Juglans nigra* var. *Thomasii*., collected in a lush year, nuts wider than long and about 40% larger than those collected from same tree in a droughty year when the nuts were longer than wide. You know how apples differ in shape just before they mature. Take the banana apple is now ovoid but when ripe it will be flat. Now here comes my doubt. You observe dried specimens collected at different years and in different habitats. Would you not expect variations in size of fruit. Well that is just what I want to rule out which I want to be done in a practical manner, etc. You already agree that the pubescent character is not at all constant so might we not expect some aberration in seed length I recall I found a tree full of fruit of *Frax. americana* that was very small and this tree was in a moist habitat. Fernald got over the grade but added nothing for me. I want to visit the Ash Tract planted at the state forest in 1903 which has a mixture of *Frax americana* and *F. biltmoreana*. Also I want to study the *Fr. pennsylvanica* in the loess soil in Spencer County along the Ohio River. My recollection is that they are different, margins of leaves serrate, etc. If we can make the trip we will stop and study foliage of whole trees.

Well Nordine you may be interested in the Deam arboretum, so called. Mostly tough luck. Just boy order to dig my Koyama spruce. It died this summer. Our ^{gave} *Liquidambar formosana* died, top was not protected but it is root shooting. Our *Pinus Griffithii* was winter killed as was the *Pinus densiflora* (Jap. red pine) NO fruit crop this year. Practically no walnuts, One *Carya ovata* with a few nuts, others too young to bear fruit. I think we have some red oak. My eyes too bad to note them from the ground.

I would appreciate a formal report on the *F. pennsylvanica*, etc as to pubescence. Wish to publish it in the Revision. Would like to visit your place but too long a trip for me. May be I can coax Shaw to go alone. With my very best wishes, I am sincerely yours

Chas. C. Deam
C. C. Deam

August 3, 1951

Mr. Charles C. Deam
Bluffton, Indiana

Dear Mr. Deam:

I am sending you a few specimens from the red ash seedlings that you gave me about three years ago. Yesterday I trimmed them and they are rapidly making trees. They are now 5-8 feet high. The samples are from all the trees that for the first time show some red ash characteristic, and that from only about six trees out of the sixty seedlings. It is probably not yet true red ash but very close to it. If this pubescent character continues, which it undoubtedly will, these six trees will soon be typical red ash. Your comments on these specimens will be appreciated.

Yours very truly,

Roy M. Nordine

RMN:ER

CHARLES C. DEAM
BLUFFTON, INDIANA

Feb. 18 1951

R. M. Nordine

Lisle, Ill.

Dear Mr. Nordine: Sometime ago you wrote you wanted some cuttings from my Liquidambar formosana. At that time our place was under water and then the ice froze an snow. This P. M. I went down to the tree the first time I have been out there this winter. I cut a few terminals which I enclose. I do not belive they are killed although my eyes are none too good.

Well if still want them come over or I will cut you what you want. Better come over for a visit. Stay all night. Well I am not getting well very fast. I can now walk without a cane but the trip down there today tired me out. I am no good any more. I am trying to work on the Revision of the Trees of Ind. but I am making slow progress. I just feel tired out all the time and no appetite to work. Thought I would write you so you can make up your mind on the subject. I have no idea what the winter has done to our place but as I see it no damage as yet.

Best wishes, I am sincerely yours

Chas. C. Deam

CHARLES C. DEAM
BLUFFTON, INDIANA
Dec. 10 1950

Roy M. N_ordyne
Lisle, Ill.

Dear Mr. N_ordyne: Your letter dated Dec. 4 was duly received but delay has been unavoidable. I am getting no better and in fact I think I am gradually declining. I was not out doors all of last week. I now have a woman who agreed to come and help me any time she could. She is typist for our County Clerk and She came 2 hours on Sunday P. M. and at first she came Sat P. M. She got it in her head to run for the office where she worked for three years and she won the election. She can come here any time she can. She missed me last Sunday and ^{she} poned she had to go with three other newly elected officers to Indianapolis for instructions when she takes over Jan 1. She came home Friday night and I telephoned her and she said business had accumulated to such an extent she could get here until the middle of this week. I am sure something when you can not get a typist or stenographer here at any price. Too much prosperity. I would like to rave on about this work problem but I have to write with my right index finger and it soon gets the cramps so I must be brief.

I note the fruitless effort you made for acorns. I had planned a trip to Sw. In. but it rained and the man who was to drive failed me. I now am glad he did for I later learned there were no acorns there. I did not have an acorn except one *Q. Muhlenbergii* had a few. Well every day I feel like I can work I am at it. That darned *Quercus falcata* has always been a ¹² puzzle for me and I am now trying to study it again. I have about 100 sheets here from Ind. and I can not find a single sheet that I can call the s-called "cherry bark red oak." which from a mimeographed report of the foresters of Southern Ill. say it occurs in every county of s. Ill. Now are all of these foresters fooled. I began my study of this complex in 1909 I have photos I took of four types of bark. *Quercus falcata* in the *Ray M. n. ed. 8* does not recognize *Q. falcata var. leucophylla* Ashe. But Sargent in *Trees*

Nordine-2of U. S. ed. 2 gives a good description of it. Now I want to see a genuine "cherry bark red oak. I now have letters out for a specimen. If I had any idea I would live to next-fall I would not worry. This is confidential, If I am able to complete my revision of Ind. Trees and get it published I will introduce some botanical diction that will make some of the timers sit up and scratch their heads. I have been working on Prunus and here again I have a problem. I see Fernald has reduced Prunus lanata to a var. of P. americana which I think is wrong. I have two trees 6 inches in diam. here, dug from s. Ind. I have a nice long letter from B. F. Bush written me about 25 yrs ago and he says it is a mere shrub in M^o. and he writes that Sargent did not know Prunus. I started in ^{Aug} 1949 to study Prunus nigra A. t. "kxxx Well I find out by a close study of this complex that we have much to learn. Do you know of any one who knows our Prunus. This problem is not in the pot now but it needs attention. That is the so called forma Prunus virginiana f. Deamii. I have two old stems, probably 20 yrs old. That are app. 18 ft. tall and 10½ inches in circ. The branchlets pubescent ²evn in the third year. I think this is a good variety. I had planned to collect seed and plant them but I was not able to walk to the north side of the arboretum. Glad to see you are interested in our sugar maple. Do not let any one talk you out of Acer nigrum Michx. Fernald Failed to keep up to date on the Var. Schneekii. I wrote that this is only a forma. See Flora ^{Ind.} page 657

No I have no Planera aquatica. I planted seedlings in 1926 and 1929 about foot tall and they both died. Yes I do have Liquidambar formosana. I have protected it by wrapping and last year I did a good job and not a branchlet died. Was a fine tree last summer. Sure you can all be cutting you want that is if alive, This year I got my old man who always wraps my stuff do my wrapping but he missed this tree. He missed some others and when it gets warm I will wrap them. One the Acer grandif^okorm (Oregon Maple.) Yes we had it 3 deg below in Nov. Glad to know you plan to drop in soon. I will be at home any time you come or over in the cemetery. You always fine any thing I have, using my guide. Mrs. Deam knows nothing about the location but if I can not be with you I can direct you. Please give us expected date of your arrival.

OVER

Note: our guest rooms are not warm but we can partiall heat one. Our
furnate man lied to us and put in too small a pipe and we hvae not
gone to the trouble to have it changed. Come any old time you wish, all
days look alike to me. Last year the formosa liquiambur was fence off
most of the time by high water. But if it is fenced off when you come
we can borrow a pair of hip boots or if you have a pair available bring them
to save time. I am signing off. My finger is tired.

Sincerely yours,

Chas. C. Deam

Chas. C. Deam

CHARLES C. DEAM,

BLUFFTON, INDIANA

Oct. 12 1950

Roy M. Nördine

L, lse, I, l.

Dear Mr. Nördine: I have your letter dated Oct. 9 but I was too sick to answer you yesterday. Probably you did not know I was partially paralyzed July 18 I have done nothing since that date. I am now off crutches but I am getting better very slowly. I had hoped I could get to Posey Co., Ind and had made all arrangements for Oct. 8-15 but I had to give it up. I think I am gaining slowly. My left leg, hand, and arm are no good but I am trying to educate my left arm so I can type again. Stenographica help is impossible to get here. I have been able to get a woman to type for me Sunday P. M. 2-5 P. M. I tell you it is hell to want to work and can't.

You say we are having a good seed year. Just the opposite here. We have no apples and not a Malus in fruit. Few walnuts no. Corylus, some butternuts a few Japanese Walnuts, not a heart nut, A few Crataegus, a few S Shumard Oak, a few chinquapin oak, my shrub of bear oak had a few nuts on but Jay birds got them all. I had planned to collect the few but I have not been down in the arboretum but a few times this summer. My tree of Rhamnus catoliniana is well fruited and Mrs. Deam but tobacco cloth over it today. I think it is one our very best small trees out Viburnum mollis was well fruited but the migratory birds have the shrubs cleaned. No red oaks this year. County Agent and I had promised the foresters of Denmark to send them acorns this year but none here. Wife drove me around some and she looked over the woodlots and no oaks, found one tree of Q. macrocarpa with a few acorns. Not an acorn on my Q. macrocarpa. Found two Carya laciniata well fruited. One Carya ovalis var. obcordata heavily fruited.

I shall be glad to see you and try to talkout even talking fatigues me. I have made a tentative engagement to attend the meeting of the Ind.

academy meet. this year.

I may not be able to go.

OVER

CHARLES C. DEAM

now and then W's. runs across some one who has been afflicted like I am
and then they get over it. Woman in next block was a year getting well.

you may know I started to revise the Trees of Indian adn got to Malus

when I was stopped. I have Quercus and Carya written but they must be
reworked. Say if you can not work Malus I sure can not help you on it.

See Gray Man, 8th, may be it can help you. I dug my Malus coronaria

about 20 yrs ago and I still have root shoots. In your trek you propose
if you can pass nearby be sure to stop. Jimmy Logue is still alive.

We have had an excess of rain all summer and yet my walnuts are smaller
than usual. Why, ??? All I can do any more is to ask questions. If I am

ever able to finish my Revision you will swear at my innovation, I guess
I have lived long enough to make a fool of myself. I close with best

wished hoping to see you drive in soon.

Sincerely yours

Chas. C. Deam

Chas. C. Deam

CHARLES C. DEAM
BLUFFTON, INDIANA

June 17 1950

Roy Nordine

Lisle, Ill.

Dear Mr. Nordine: Many thanks for your letter dated June 10. I was very glad to get the data on the *Veratrum Woodii*. I made a record of it.

Thanks for the data also on the *Fraxinus pennsylvanica*. I planted two seedlings from the lot I sent you. This spring the form (glabrous) came out into leaf promptly and the pubescent one was a week or two behind in putting out leaves. These two plants are side ^{by} side and in a wet habitat, in fact were under water most of the winter. Well leaves on the glabrate form are trying to die off and the leaves on the other one are not very good. No lack of moisture here this spring. Shall watch them and record results this fall. I gathered a lot of white ash seed last fall and had planned to plant the several lots and bough ^{go} chicken wire to fence off each lot from the rabbits but I could not help to spade the ground so the seeds were not planted. Yes I collected one lot of *Frax. lanceolata*, etc.

Well I guess I am just marking time. My health is no good. I am out of gas. Takes all A. M. for me to fire up so I can get out in the P. M.

I may have told you while in Florida 2 yrs ago Prof. J. L. Van Camp, extension forester at Purdue wrote me if I would furnish the "know how" he would ^{be revising the Trees of Indiana} do all the work. I accepted. In May 1949 I started to write the text (botanical part) and he was to write all data under "Uses". I have worked all my spare time on the subject. I spent about 3 mos. on *Carya* and 2 mos. on *Quercus*. Well first of this May he informed me that he had accepted a job in Montreal Canada and would take his position on July 1 and he turned his job over to another man who knows but little about botany of trees, etc. I get a letter from my old stenographer who is to do the typing and she writes Van Camp has not made any change in my copy and has failed to turn in the write up of the "Uses". He has failed me too all around.

Nordin. 2. June 17 1950

Since he now has only 13 days to be in the U. S. and no word from him for two weeks it now looks as if this job is all off. He may come over tomorrow(Sunday). No matter his name will not appear as co-author. Since I have done the hard tricks, I may just give the job up or do it myself and give my stenographer as co-author. She is a very capable and meticulous woman(married now). Well the future of this matter will surely all be out in a few weeks.

Received a letter from E. J. Palmer today. I had written him two long letter and I learned he had a serious major operation and I ^{never} heard the results and I was afraid to write him. You may not have heard of his operation. He had a clogged small intestine and they cut out a section too long to splice and they made an opening to the outside. He is now up and around working as much as he can with his herbarium. He informs me he has voluminous correspondence and specimens sent in to name, etc. He just can not care for all these and do any work at all. He has not really got things straightened around since he returned from the Arnold Arboretum. He is now 75 yrs old. I do pity him. He was a loyal friend of mine and I regarded him the best field taxonomist in the U. S.

Received a long letter yesterday from Svenson. He has had bad luck.

He was to go to the Botanical Congress at Amsterdam and made all arrangements when his wife fell and broke her hip so he had to cancel his trip. Too bad. I like him very much. He is much interested in nomenclature, especially in *Quercus*. He writes Fernald has gone back to *Q. rubra* for *Q. borealis* var. *maxima* and says he thinks the var. has no standing at all. He is also interested in *Carya* and I would like to coax him out here this fall if I thought I could take it. I have varicose veins in legs below my knees and I fatigue easily.

I think that is all the News. You doubtless heard that W. N. Clute died March 7 1950.

Well our arboretum looks fine now. Got it mowed and I have a boy digging out weeds. Every plantain must go. We have practically no weeds except those that blow in or wash in. Most of arboretum was under water most of the time until middle of April but it did little damage. I learned something. I have two *Prunus lanata* (name checked by Palmer) and they have never sent up a sucker (now over 25 yrs old) This year we have a few suckers. I attribute these to the inundation for months. My *Prunus americana* has no suckers. Can not understand this character of the *Prunus* OVER

In May 5-6 I was in southern Indiana where I saw plenty of *Prunus americana* and all were in colonies more or less. These on basal hillside slopes. I am sorry I am not out enough to observe this character. My recollection is that wild plum thickets and wild crab thickets are old stuff. I will have to lay off in my botanical descriptions on this subject. I will turn this character over to you young fellers.

I am please to learn about the *Quercus texana*. I doubtless gave acorns of both shallow and deep cup. There is a small difference in the size of the leaves of the two forms I have here. Just like the two forms of *Quercus illicifolia*. In other words we have three oaks with this character, deep and shallow cup, - *Q. texana*, *Q. illicifolia*, and *Q. Muhlenbergii*. Now your plants are the F1 generation and if all of your seedlings continue to maintain the shallow and deep cup then I think we have something. Yes this is an outstanding character and a close study may find more characters. I have the *Q. illicifolia* and the catkins of one are red and the other green. Leaves too are different in that one is larger than the other. Keep this complex in mind and see what you can make out of it. Many years ago a histological study was made at the University of Kansas and the writer made two species out of the *Q. Muhlenbergii*, that was when Britton (Trees of America) said there were two species but it seems that one species swallowed up the other but so far as I know no one killed off the histological study.

I planted a few seed this year, late on account of wet season but nothing came up. I think I have 5 Thomas walnuts seedlings. My Persian walnut now about 30 yrs old had 85 nuts. These I planted and as no seedlings but the tree is just full of nuts this year. Last year was the first the tree ever bore mature nuts. The World is changing.

Well this gives an account of myself so do not blame yourself in over looking my obituary.

Very best wishes and may be you can give a call sometime

I appreciate it I have little to show. If Frank McFarland visits you and can take me as excess baggage look for me too.

I am sincerely yours,

Chas. C. Deam

CHARLES C. DEAM
BLUFFTON, INDIANA
Oct. 15 1949

R. M. Nordine

Lisle, Ill.

Dear Mr. Nordine. Your letter here acknowledging receipt of some seed sent you. Glad to learn the wide distribution of the Deam Oak.

You ask about the box elder bug. I can not answer this except hearsay I have been told the it is only the female tree taht attracts the box elder bug. We have a very large male tree in our back yard but our near nieghbors have plenty of the female trees and have large panicles of fruit. Yes we have some bugs but I can not say but that the bugs come from our neighbors. I am not traveling much any more. We have a large male tree 3 and one 5 miles up the river road but I am not going up that road this fall. So can not report on them. Most poeple do not know this bug so telephone will not gain me any thing.

So let it ride or write some one whi might know.

Sincerely yours,

Chas. C. Deam

CHARLES C. DEAM
BLUFFTON, INDIANA
Oct. 15 1949

R. M. Nordine

Lisle, Ill.

Dear Sir: I mailed you today some seed of *Nyssa sylvatica* var. *caroliniana* from a small tree located on Road 41 as you enter ^Pprinceton, Ind. Tree about 8 inches in diam. A beautiful tree. Was there Last Friday. This variety is the common form of the species in that area. Common three miles east of Princeton, Gibson Co., Ind.

I did take three *Carya* for you but I guess you will not be interested in them. I have not named them yet. They are a complex on the Princeton Sand of the terrace of the Wabash River 4 mi. south of Vincennes. ^Urf hand I call one *Carya ovalis* and ~~the~~ other two I think are *Carya tomentosa*. Small square nut form. I have collected from these trees for several years but I have not been able to be sure I have the same tree all the time. The number of trees has been reduced now to three. There ~~formerly~~ ^{were} was 5 trees. I plan to try to correllate them when I make my final study of them.

Too busy to be sociable. So long, sincerely yours

Chas. C. Deam

I. hope you will grow this *Nyssa*. It is a fine tree.

P. S. Got a long letter today from your friend JimmyLounge.

CHARLES C. DEAM
BLUFFTON, INDIANA

Sept. 27 1949

Dear Mr. Nordine: Out last week and I found a tree of *Fraxinus pennsylvanicus* (genuine with pubescent branchlet) that had probably a bushel of seed on it if it could be collected. I collected a small bag(about a half gallon) Do want it. Found in this county(Wells)

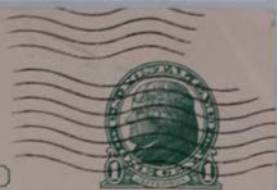
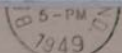
Next Monday Prof. J. L. Van Camp and I plan a colle ting trip to SW. Ind. On Monday we plan to visit the Clark County State Forest 20 mi. north of Louisville. I know a planting there that has some *Fraxinus biltmoreana* and I know of one large native tree there. If you wish seed if available let me know at once via airmail and I will get you some if I can. Any other seed you think of I will do what I can for you. Write me at Mt. Vernon, Indiana(Gen. Del.) will call for mail there on next Thursday. We plan two days in Posey County

Sincerely yours,

Chas. C. Deam

P. S. Can you use some Deam Oak seed. This year it has a lot of good viable seed. Write me here at Bluffton and I will try for them on Sunday. Today I sent a gallon to Arnold Arboretum. Alfred Johnson was here last week and when he saw the tree he asked me to send him some. It has rained here this P. M. and doubtless most of the seed will fall now.

Deam



THIS SIDE OF CARD IS FOR ADDRESS

Roy M. Nordine

Morton Arboretum

Lisle

Ill.

Bluffton, Ind.

Sept. 13 '49

Dear Nordine: I have your letter and in reply will say I will try for the seeds you ask for. It is raining but I think I can get a few Hybanthus and I have 4 nice spikes of cardinal flower and I can get the Styrax in due time.

Too busy to be sociable.

Chas. C. Deam

September 10, 1949

Mr. Charles C. Deam
Bluffton, Indiana

Dear Mr. Deam:

I forgot to wish you a Happy Birthday this year. If it is now not too late, will you accept these greetings.

I have your letter in reference to the plums. We do have a large collection of plums and a few are fruiting. There are true plants of *Prunus lanata* and they have fruit this year. We appreciate the offer. This tree in Jay Co. with the con-duplicate leaves would be interesting. I would appreciate leaves, fruit and branches for grafting if you get back there.

I have spent some time on the plums and find them intergrading badly. Then they become different in our soils. We have several of the dwarf spreading species from the south-west and here they become tree like. The same condition occurs at Rochester, New York. Also in our soils they for some reason do not spring up in thickets as in the wild. This may be due to being grafted but even after a number of years they should form their own roots. I once was troubled about *P. Munsoniana* and *P. hortulana* and gathered all the literature about these two. The only outstanding difference between these two is that *P. hortulana* has red cork cells.

I would appreciate seeds of *Hybanthus concolor*,
Lobelia cardinalis and *Styrax americana*.

Yours very truly,

Roy M. Nordine

RMN:ER

*Not read
expected*

CHARLES C. DEAM
BLUFFTON, INDIANA

Aug. 31 1949

Dear Mr. Nordine: I am sick but not enough to lose interest in the arboretum I want to get to the woods but too weak now to drive or beat it but may try tomorrow or next day.

Here is the "give me". I have two plum trees here I have named *Prunus lanata* but they are different. One I dug seedling in Posey County, Ind. and the other I grew from seed I gathered on a ridge in Perry Co., Ind. The posey Co. one in overflow land at flood times and the other on a sandstone ridge. Leaves are different and stone about 2/3 as large as the Posey Co fruit. Now my trees are fruiting and I thought you might wish a few fruits to grow seedlings from them. The Perry Co. tree is about dead. Planted it about 20 years ago the Posey Co. tree is O.K. and fruited heavily this year but fruit all on the ground but I can get them up but they will be messy etc. Now last Tuesday I was down in Jay Co. and I found a tree 8 inches in diam. that has large red plums on it. Leaves conduplicate. I want to get back there and get a good specimen of leaves. I took only one and I find I do not know this plum at all. Looks like *Prunus munzoniana* and *P. hortulana* but foliage does not match those species very well. Both out of the know range of the species. Would you care for some of them if I get back there. I have *Prunus americana* here also in fruit.

Please answer this at once and oblige

Chas. C. Deam

P. S. Do you know the plums and do you folks have a goodly series in fruit now?

Deam



THIS SIDE OF CARD IS FOR ADDRESS



Mr. Roy Nordine
C/o Morton Arboretum
Lisle, Illinois

Bluffton, Indiana.

Apr. 21 1949

Dear Sir: After mailing you my letter I recall that a lot of the shade trees in Jasper are of the *Ulmus alata*. So why not address a letter to the County Agric. Agt. at Jasper and ask him to send you seed. Tell him how to distinguish them, etc. This is a good bet. try it. Only "fly in the ointment" is that the County Agt. may be ignorant and too lazy to make an effort. I do not know how but try it any way.

Sincerely yours,

P. S. I just consulted my Deam herbarium specimen of *U. alata* collected in Deam Arb. in flower March 26 1945 and seed mature Apr. 2 ;045. So doubtless you are too late.

CHARLES C. DEAM
BLUFFTON, INDIANA

Apr. 21 1949

Roy Nordine

Lisle, Ill.

Dear Sir: In reply to your request of April 19 will reply that my tree of *Ulmus alata* is not in fruit nor does it show any indications that it has been or will flower this year.

You should take this matter up with the District Forester of southwestern Indiana. May be the County Agric. Agt. could be of service to you but I fear it is now too late to get results. Trouble is the county agents might not know the species and for that matter the District Forester. Cannelton ~~2~~ in Perry county would be a good place to try for it. Dubois County also has a lot of this species, Jasper ~~Huntington~~ is the county seat of this county. I know of no one in that part of Indiana who would be a possibility of serving you./ I will keep it in mind and if my tree does bloom I will keep an eye on it. The tree at present is in dormant stage.

Best wishes, I am sincerely yours, *Chas. C. Deam.*

Chas. C. Deam

Bluffton, Indiana.

P. S. Hope you got the acorns from the *Quercus Michauxii* last fall.

Deam

April 19, 1949

Mr. C. C. Deam
Bluffton, Indiana

Dear Mr. Deam:

Although I have not heard from you personally, others have told me you had a fine winter. Welcome back to Indiana.

I continue the trail of *Ulmus alata*. From the scions you sent I got one to grow - equal luck with scions from Rochester. I would like seed from your tree if it is available this year. Please be generous if possible unless you know all the seed is filled. So often the early species of elm seed is so poorly filled. Does *U. alata* bloom with the other *Ulmus*? I am wondering about a chance of hybridity?

With personal regards.

Yours very truly,

Roy M. Nordin

RMN:ER

November 23, 1948

Mr. Charles C. Deam
Bluffton, Indiana

Dear Mr. Deam:

The branches of *Ulmus alata* arrived in good condition and I am very happy to have this material from your tree. Now we should be able to have this species in our collection.

I also appreciate your interest in our problem of securing acorns of *Quercus Michauxii*. A peck of very good acorns came from Prof. Friesner a week ago. At long last we have the three Chestnut oaks correct. As far as I know we are the only arboretum that has them separated correctly.

A card from Frank McFarland said a fire completely destroyed his department at school on Saturday, November 13. He lost all his library excepting the few books that were at his country place.

On November 28 I leave for Ottawa--Montreal--Boston--New York City--Yonkers--Rochester and intermediate points, to collect material.

I hope the Florida weather and sunshine will be kind to you and Mrs. Deam, and that you have a fine holiday season.

With personal regards.

Sincerely,

Roy M. Nordine

RMN:ER

CHARLES C. DEAM

BOX 1, R. R. 3

BLUFFTON, INDIANA

Nov. 16 1948

rec- 11/18/48

R. M. Nordine,

Lisle, Ill.

Dear Mr. Nordine: I am sending you some branchles⁺ of *Ulmus alata*.

I neglected to put a tag on them but since there is nothing else in pkg. you can not make a mistake,

We are pulling hair to get ready to leave Monday for Florida for the winter. I have the arboretum O. K. except a few trees yet to wrap.

Best wishes for the holidays and hope you will have enough work to keep you busy. ⁺es but then you can read when you have no work. I plan to collect all my time. That is when I am able to do so. We go first to Naples for a month then northward where ever we can find a cottage, etc.

Sincerely yours, *Chas. C. Deam*

Chas. C. Deam

Bluffton, Indiana.

Not read

CHARLES C. DEAM

BOX 1, R. R. 3

BLUFFTON, INDIANA

Nov. 4 1948

Dear Mr. Nordine: I am glad to report to you that you in due time will get acorns of *Quercus Michauxii* (Cow or Basket Oak). Last Saturday at Bloomington I saw Prof. Ray C. Friesner who was in the Muscatatuck Bottoms where he picked up a lot of the cow oak acorns. He did not know you wanted any but I told him you did and he said I am going down into the Bottoms Sat. P/ M. and I will try to get some for you. The nuts are large and cups very shallow and small, gray. He said he would send them direct to you. Also I stopped at Nashville, Ind. and saw Carl Carpenter who is district forester and he said he would go down into the bottoms the first of this week and send you a lot of them. So cheer up. It will now be up to you to make good.

We are preparing to go to Florida about Nov. 15-23 for the winter. In the event you ever wish to write address me at Bluffton and my mail will be forwarded each day to some place in Florida. I do not plan to be at any one place for any length of time. I wish to collect. I have rented a cottage at Naples for Dec. 1-7 and my address will be there until that date and if the accommodations are satisfactory we will stick there for weeks.

Best wishes, I am sincerely yours,

Chas. C. Deam

Bluffton, Ind.

P. S' Friesner thought he could get you some *Quercus Leana* acorns too.

D.

November 8, 1948

Mr. C. C. Deam
Bluffton, Indiana

Dear Mr. Deam:

Could I ask one last favor before you pack up for Florida. I would like scions of your *Ulmus alata*. They can be gathered and sent any time now.

I can't understand the failure of *acorns* in your area, the whole country has a big crop.

I wish for you and Mrs. Deam a happy and busy winter season in Florida.

Yours very truly,

Roy M. Nordin

RMN:ER

CHARLES C. DEAM

BOX 1, R. R. 3

BLUFFTON, INDIANA

Oct. 10 1948

Roy Nordine,

Lisle, Ill.

Dear Mr. Nordine: I have your letter of Oct. 7 relative to seed, etc. I regret to inform you nothing doing. Not one of my trees had an acorn this year of those you name. The old *Quercus Michauxii* is too young yet to bear. It is really old enough but not yet in bearing. I regret I will not get to southwestern Indiana this year. I can't drive and so far as I can learn there are no acorns this year except those of the red oaks. Was out last week in this county and I found a weeds full of red oak acorns. At least that is what I took them for. Trees too tall to get a branch and my eyes too weak to determine any about the leaves, -so high up. / We plan to leave here Nov. ^{15?} for Florida and in the event I chance upon a cow oak I will remember you. I have been for years trying to get a seedling of *Quercus Nuttallii*. Demaree was here this summer and he promised to get me some acorns. As you know I am interested in *Carya*. Found two trees last week of the *Carya ovalis* complex that baffle me. What we need is some State Forester or University like Purdue to take this matter up and plant say 500 seed of each and carry them through to maturity and see what happens. These trees are about 25 feet apart. About 8 inches in diameter and heavily loaded with nuts. One tree with somewhat scaly trunk bark and branches (large ones) with fissured bark, etc. Leaflets all 5's. Nut typical *C. ovalis* with glandular husk. The other tree with comparatively tight and ridgy bark, like *C. glabra*, leaflets most in 7's; bark on branches tight and smooth. ~~xxxxxx~~ fruits not glandular, somewhat pear-shaped out the surface with ^{partition} some elevations, As yet it has no tendency to split while the first named ^{but glabra is not known up here} is splitting already. I suspect it is *C. glabra* of an aberrant type. Well I plan to keep up this *Carya* study so long as I live. Two weeks ago (OVER)

over 100 nut from here
I drove to study a tree I first took fruit from ^{it} in 1933, 1935, 1937, and this year not a nut on it. It is of the *C. tomentosa* complex. Very small nut of the box-shape. This was over in Pulaski Co. I did take specimens from three typical *C. tomentosa* trees. Last Sunday I revisited a tree of the *C. ovata* complex but not a nut on it. It has an ovata fruit, but slender glabrous branchlets and extremely small and angular nuts. I found other trees of this complex but with larger nuts but nuts sharply angled and with a ~~strong~~ strong tendency to be box shape. I really believe we have here in this county and in Steuben and Lagrange county more odd *Carya* than any where else. I doubt if I am sticking around next year but if I am here and able to travel I want to get E. J. Palmer to come here and we can make a killing. What we really need is for some institution to plant an acre or more of any odd sort. Our State Forester is planting up hundreds of acres each year but all to pine and no data kept. Purdue U. has large farms which they are planting up to pine, and no data kept. I mean data that can later be used as genetic data.

Next Sunday I take a short trip and keep on the lookout for *Carya*. Was out today with a party but did not have time to foot around any. Did see a few *Carya* but no nuts.

We had about a half walnut crop but too many "teen" agers among ^e them. That is so many did not mature. The tree from which you took when you were here had about a half crop on. Some of our trees did not have a quart on but most of them had about a peck of good and bad together. As I drive through the country I see many trees with a full crop. Do not understand why I was the goat. We had about 1/3 crop of filberts on one bush and none on the other two bushes. I have a large *Quercus macrocarpa* here that bears annually but this year not an acorn. My other large bur oak, variety, was also barren. No ash seed here. No Maple seed.

Well Nordine I will sign off. My eyes are out. Very best wishes,
I am sincerely yours, *Chas. C. Deam*

Chas. C. Deam

CHARLES C. DEAM

BOX 1, R. R. 3

BLUFFTON, INDIANA

Sept. 14 1948

Roy M. Nordine,
Lisle, Ill.

Dear Mr. Nordine: yes another year gone by and yet I am still on top of the sod. I am really getting old. Mrs. Deam and I are planning on leaving about Nov. 15 to spend the winter in Florida to avoid the cold weather but who will beat the snow off my evergreens?

Well I have nothing to write. Have been working as usually in the arboretum and garden. Am now too old to stir up much. Today I have restudied my *Dioscoreas* which have become badly mixed up. The occasion was that I hope to send seed of each species I have to England to a man who is working on the genus. Fact is the genus is poorly understood. That applies I mean to Indiana species. Fernald tried to do something with our species but in my mind failed. The rhizome of the species is about the best character to use but it can not be used for all aged specimens.

I have been working at times when I can spare it at naming up the plants I collected in Florida in 1946. This year I think we will work the area between Naples and north ^{to} of Fort Myers.

Best wishes, I am sincerely yours, *Chas C Deam*

Chas. C. Deam

Bluffton, Indiana.

CHARLES C. DEAM

BOX 1, R. R. 3

BLUFFTON, INDIANA

May 20 1948

R. M. Nordine

Lisle, Ill

Dear Sir: I have your request for seed of *Ulmus alata*. You are too late. I did not note if it had fruit or not this year. I note I have a herbarium specimen in fruit dated Apr. 2 1945. The flowers and fruit before the leaves develop.

I note what you say about the *Aesculus octandra*. Don't think I planted any this year but I have in the past and I do not recall that the seedlings were reddish.

My seed planting this year follows the old pattern, mostly a failure. You may recall you sent me some live specimens of an *Aesculus* you called *Aesculus octandra*. I planted the seed of it and I note I have two seedlings about 10 inches tall from this planting. Practically nothing else up except the annual sunflower. I planted a lot of the *Corylus Avelanna* and a few are up. I soaked the seed two days in water and two more days in folds of wet carpet. Those that were germinated in the stratified cans are up. I am hoping for some more items to appear.

Had a letter from Jimmy Louge to whom I sent a peck of good acorns of *Quercus alba* x *macrocarpa* and he reports a good germination. He will have plenty to supply the country.

Well Nordine I am fast going blind and punk. We do have a young man to run our power mower other wise we do our own work. Had a man to spray orchard and the mower man has helped me a day to prune the larger branches off. We are "burdened" right now with company. Tuesday had 21 Ball State Teachers College pupils here and 21 come tomorrow. and Sat. we have 50 Fort Wayne High School students and last Sunday I had three of the best botanists of Ohio here(all from Ohio State University). I enjoyed

who knows something about the subject. Now Saturday what can I tell a group of 50 highschool kids.

I have nothing to report. I am always picking up some experience that I should have known many years ago.

Best wishes, I am sincerely yours, *Chas. C. Deam*

Chas. C. Deam

Bluffton, Indiana.

Last Fri & Sat. I attended the Spring meet of Ind Acad Science at our new Stat Park - The Shades.

CHARLES C. DEAM

BOX 1, R. R. 3

BLUFFTON, INDIANA

Apr. 12 1988

R. M. Nordine,

Lisle, Ill

Dear Mr. Nordine: In reply to your letter of Apr. 10 about the origin

of my Griffith Pine will say I bought it of Ralph C. McSheery of
144 Northwestern St
Dayton, Ohio. A seedling 30 inches tall was planted Apr. 17 1935. The
ice broke it off and I had only one lower branch left. I cut the main
stem off and trained the later^{al} to an erect position after several
years and now it looks just as if it was the main stem, ~~xxx~~ etc.

Rehder lists it as Zone (V).

Now I have no idea where McSheery got his seed. McSheery is or was
a queer man. I suspicion he had some money and when I first knew him
he was traveling all over the U. S. collecting seed of woody plants
and planting them just for the "fun of it". He rent an area of land
from a relative for this purpose. He studied forestry ^{near Dayton} and read much
on South and Central America. I loaned him books. He also studied
Spanish and could read it. His mother became an invalid (very old)
and no one would care for her. She refused a nurse, etc. and insisted
that Ralph should keep house and look after her which he did. She
died possibly 5 years ago and I have not heard from him since that time.
I judge that Ralph was about 50 years old. Last I hear from him was
at her death and he wrote that he planned to take a vacation and did
not where he would go or wind up. And I have not heard from him since.
I visited him at his nursery near Dayton possibly 20 yrs ago, yes.
I think it was just before War No. 1 when he wrote that he would have
to give up his nursery. He was well acquainted with the Cincinnati
foresters (city). That is all I know about him or the seed.
Yes McFarland will be here for his talk at the Huntington College
Garden Day on June 5 (P. M. about 2.00 P. M. Better come over.

Best wishes (OVER)

Well such dam weather. Our ground is too wet to plant. I have quite a few stratified seed I hope to plant. Can not get any one to help. Had a man to promise to prune in the orchard today but it began to rain this morning. My heath has been bad. My heart rested about every third beat and I had no strength and I could not get my breath. I invested \$24.50 in the hospital here and I am now ^{feels} feeling much better and I believe if the weather would get warm and the sun shine I can make some sort of a come back.

Say I have one novelty(?) in 1938 a forester of New Zealand sent me some seed of Sophora microphylla (so named). They looked like Gleditsia seed and I got one seedling to pull through. I planted it and it is about 15 inches tall and looks just like some sort of a honey locust. Is a mass of short thorns. I have read in Rehder and I find no Sophora with thorns on them. Did this New Zealand forester flim me or do I have something yet to learn.

I have planted nothing this year except 2 or 3 things. Too old to carry on and the fewer things I plant the fewer my successor will have to dig out ^{to get} a golf course, etc. You will note I am in a happy fram of mind. My eyes are about out so I will not have to miss much when I go to the cemetery.

Very best wishes, I am sincerely yours *Chas. C. Deam*

Chas. C. Deam

Bluffton, Indiana.

April 10, 1948

Mr. C. C. Deam
Bluffton, Indiana

Dear Mr. Deam:

The ash seedlings have arrived in excellent condition. Mrs. Deam is an excellent nurserywoman. Your letter of description will be filed for future reference. I have been collecting various data on the transmission characters through seed into Succeeding Fl. The story of these ash seedlings should be very interesting and also rather perplexing to some folks.

Some time would you tell me where your plants of *Pinus Griffithi* or *excelsa* came from. I have mislaid the notes I had on this plant.

I noticed an item that Frank McFarland will be the speaker at Huntington College "May Fete". I hope you can visit him then.

With personal greetings to you and Mrs. Deam.

Yours very truly,

Roy M. Nordine

RMN:ER



THIS SIDE OF CARD IS FOR ADDRESS

Mr. Roy M. Nordine
C/ Morton Arboretum
Lisle
Illinois

Dear Mr. Nordine. Dug out of my groundhog
sleep and am sending you the scions this P. M.
Hope they arrive O. K. and that there are
a plenty of them. Will write you tonight
and give you full data on them

CHAS. C. Deam

Bluffton, Indian a

CHARLES C. DEAM
BLUFFTON, INDIANA

Feb. 19 1948

Dear Mr. Nordine: I sent you the cuttings yesterday. I made a list of your wants and I lost it but I think I got them all. You are yet to get the ash seedlings ^{red ash} when the groundhog gives me a chance to dig them. Here is the complete data on the scions I sent yesterday.

Acer Negundo. From a male tree in our back yard. Tree has a fine form and a very fast grower.

X Quercus Deamii. This tree is located about 3 mi. NW of Bluffton.

Quercus Deamii, F¹. About 10-15 years ago I planted in the lot with the Deam oak some seedlings. Two have survived. When they improved the highway they dug the seedlings and set them back from the highway. One has survived O. K. Last year it had three or four acorns on. I found one and I planted it in a flower pot and hope for its growth. The tree measures now 6½ inches in circ. d b.h. and 9½ ft. tall. The scions are from this tree. The leaves appear to be typical hybrid. I think this would be of interest so I send you some.

Fraxinus tomentosa. Those marked from Deam Arboretum I am not certain of origin but I think I gathered seed from a tree along a slough in Jackson County, and planted them at the Clark County State Forest and moved the seedling here when 1 yr old. Planted in Sec. Q in our arboretum Fraxinus tomentosa From my no. 65128, Wells Co., Ind. Oct. 1 1947.

Located in the SW¼ Sec. 18 about 1½ mi. SW of Murray. On the east side of a N. & S. road on the west side of the John Eichhorn Farm. I think I sent you a herbarium specimen last Fall.

Guess this is all. Too busy to be sociable and feeling tough enough to lick my wife(that is I might try but I think she is stouter than I am) I have wintered over and cussed our oil heating furnace daily. Cost us 1250.00 but the Mrs. says we will junk it and buy a coal furnace.

Best wishes and be careful of the flu and Spring Fever. Sincerely

Chas. C. Deam



THIS SIDE OF CARD IS FOR ADDRESS



Mr. Roy Nordine

C/o Morton Arboretum

Lisle

Illinois



THIS SIDE OF CARD IS FOR ADDRESS



Mr. Roy M. Nordine

C/o Morton Arboretum

Lisle

Illinois



THIS SIDE OF CARD IS FOR ADDRESS



Roy M. Nordine

C/o Morton Arboretum

Lisle

Illinois

Bluffton, Ind.

Oct. 9 1947

Dear Mr. Nordine: Can you use any *Aesculus glabra* var. *leiodermis* or var. *Sargentii* (7-leaflet Buckeye). I had to pick all of mine to keep the school children from scattering them all over the place. If you can use any let me know by return mail. If not no reply necessary and I will dump them. The *Aesculus octandra* are still on the tree and I am guarding them strictly to keep the arabs destroying them. I nearly scalped 4 boys Sat. in the place. Too many boys have no parents. Best wishes Chas. C. Deam

Bluffton, Ind.

Oct. 13 1947

Dear Sir: Can you use some acorns of the *Quercus alba* x *macrocarpa*. If so let me know how many, 1-8 pints. My tree is well fruited. Write me a card at once since I leave for the Smokies Oct. 22.

Sincerely yours,

Chas. C. Deam

Bluffton, Indiana

Oct. 13 1947

Dear Sir: I am sending you by parcel post the *Aesculus octandra* I have. This tree I bought of the Forestry Nursery at McMinnville Tenn. 1 yr seedling planted spring 1924. I will send you some herbarium specimens later. Among them will be a specimen of this tree. Will send you some hybrid oak *XQuercus Jacksiana*? Will let you know more about the *Aesculus* when I feel able to study them. I am crowded right now for time. Foolishly I accepted a chance to go the Great Smokies next week. This week Ind. Acad. Science meets and I have many jobs here in arboretum to do. Forgot to place name of the buckeyes in package but this card will help you to get the name etc. Sincerely yours

Chas. C. Deam

CHARLES C. DEAM
BLUFFTON, INDIANA

Dec. 18 1947

Dear Mr. Nordine: Your letter dated Dec. 10 here. I will briefly reply.
My eyes are out.

Yes I will send you the cuttings of *Fraxinus mentosa*,
and *Q. Deamii* and *Juniperus monosperma*. As to the *Prunus triloba* I can
not guarantee determination. I bought the seedling from the Presage & Co
nursery of Alleghen Mich in 1928. Since I have a complete herbarium
specimen, flowers, fruit and seed. I could again go over it and check
determination when my eyes will permit. But probably O. K. because I never
put up specimens that I do not check the determination. Glad to send you
some cuttings from it too.

Now you say you plan to attend the AAAS. meetings. Wife and I will
be there from Dec. 26, 1.30 P. M. until Tuesday P. M. All of our meetings
are mostly held in the Stevens Hotel. I will attend all of the Taxonomic
Section meetings and none other. Does not matter if I go or not because
I can not hear. We will attend the Botanists dinner Sunday night and the
Taxonomists dinner Monday night. Think you would be interested in the
session on Nomenclature at 1.30 P. M. on Monday at the Simpson Theater
Chicago Museum. Then you will get to see L. H. Bailey in action. Received
a nice letter from him this morning. He sure is a whiz. His fascicle on
Trinidad & tobasco palms is to be mailed Dec. 27, Bailey said he made
a 1000 mile trip up the Amazon and other short trips for data on this.
He leaves the first of next month on another trip but he did not write
where. Think of it. Next March he will be 89. His is exceeding J. Donald
Smith in activity.

Now since I am so old and inactive and may get run over because I
can not hear, etc. will you not make a date when you can come to the
Stevens Hotel where we can have a chat. *over*

Very best wishes, I am sincerely yours,

Char C. Deam

Hunt Institute for Botanical Documentation

Since I have a specimen I wish to look up in the Herbarium at the Museum I may defer my visit to see it until Monday P.M. so if I am not at the meeting on the dot I will be in the Herbarium but I just can not miss this session because it is the most important of all to me. Doubtless this session will draw all the leading systematic botanists who are in attendance.

Dear

CHARLES C. DEAM

BLUFFTON, INDIANA

Dec. 7 1947

Dear Mr. Nordine: You ask for scions of *Fraxinus tomentosa*. Sure I will get them for you but I do not know when to cut them. Let me know the date you can use them and tell me how long a shoot you need and how many. I think I can get some along the road about 5 mi. from here. I have a tree or two in the arboretum but they are tall and I will have to use a ladder to get up into the tree. If I can get them on Saturday I think I can get the young man who has been helping me to cut them for me. He is 16 and is a real man size.

As to my bill forget that. It might be in the spring you would have some seedling 1-3 ft. tall for me that I do not have. My area is now all planted up except I can use some shrubs.

Sincerely yours,

Chas. C. Deam

Bluffton, Indiana.

CHARLES C. DEAM
BLUFFTON, INDIANA

Nov. 7 1947

Sirs: Recently I sent you a herbarium specimen No. 85129 which I named *Quercus alba* x *bicolor*. I sent a specimen to E. J. Palmer and he writes hw thinks it is straight *Querrus bicolor*. So will you substitute the enclosed label for the one sent you.

I am sincerely yours,

Chas. C. Deam
Bluffton, Indiana.

CHARLES C. DEAM

BLUFFTON, INDIANA

Oct. 10 1947

Mr. Roy Nordine

Lisle, Ill.

Dear Sir: I received your card this morning and I at once sent the two Aesculus. I hope you can not say "too little and too late". I had already picked up the buckeyes. The kids here are making something out of them and last Saturday I went down to the buckeyes and there sat 4 boys hulling them. They shook the trees. It is possible that some are mixed. When I picked them up I tried to separate them.

The Aesculus octandra are still on the tree. Will harvest them as soon as the leaves begin to fall, that is if the damp kids do not beat me to it. I do not balke the children but the parents. I was taught to never even take a pin that did not belong to me.

If you return the cloth bay I will appreciate it. That is the last one I have.

Sincerely yours,

Chas. C. Deam

Bluffton, Indiana.

P. S. In the box are two bags of packing that contain nothing.

The bag of buckeyes has a label and there is one in the box.

Deam

CHARLES C. DEAM
BLUFFTON, INDIANA

Sept. 28 1947

Dear Mr. Nordine: Your letter of Sept. 19 was received this morning. In the morning I will mail you the seed of *Viburnum molle* and some *Viburnum pubescens* var. *Deamii* Rehder.

The *Viburnum molle* was dug in sec. 12 about 3 mi. northwest of Warren in Huntington County, Indiana. *See 1931*

The *Viburnum pubescens* var. *Deamii* Rehder was grown from roots dug in southern Indiana. I have no other data but the shrub(tuft) are now about 8 feet tall.

You know that Fernald now calls this *Viburnum dentatum* var. *Deamii* Fernald. Rehder separated the var. *Deamii* from the var. *indianense* but Fernald merges the two. Var. *Deamii* has the whole under surface of leaf blade stellate pubescent while var. *indianense* has the pubescences only on the major veins. *in trees & shrubs* Rehder writes that *V. pubescens* is exstipulate. *V. molle* and *V. pubescens* var. *Deamii* ala Rehder are both more or less stipulate. *S^c* Fernald may be O.K. on this or Rehder may be off on this character.

Sorry to write the *Cornus rugosa* and the *Juniperus monosperma* have no fruit at all this year.

I have but a few *Aesculus ostandra*. They are still on the tree but will send them when they fall if I can get them. Boys may get in but I watch em.

Best wishes, I am sincerely yours.

Chas C Deam

Chas. C. Deam

Bluffton, Indiana

September 19, 1947

Mr. Charles C. Deam
Bluffton, Indiana

Dear Mr. Deam:

We understand the situation you created by advising *Corylus Avellana* as a windbreak. Similar problems arise rather frequently at the Arboretum. Your selection and recommendation of this plant was a wise choice. Plants of this species do very well at the Arboretum, growing into very large, many branched tall shrubs. Unfortunately the seed crop is never good and the nuts are very frequently weevil infested or gathered prematurely by the squirrels.

Seed of *Corylus avellana* was listed in the 1946 catalog of F. W. Schumacher, P.O. Box 131, Jamaica Plain 30, Massachusetts. Plants were listed in the 1946 catalogs of Burtons Hill Top Nurseries at Casstown, Ohio and Henry Kohankie Nurseries at Painesville, Ohio.

I would appreciate seed of your *Viburnum molle* and *Aesculus octandra* and *Cornus rugosa*. The plant of the latter you gave me is growing. Also seed of *Juniperus monosperma* if available. Should you find seed of any member of the *Orchis* family I would be deeply grateful. I am trying to grow them from seed. The seeds that were gathered from your bed of yellow ladyslippers are now growing in a nutrient agar mixture within small bottles.

With kind personal regards.

Sincerely,

Roy M. Nordine

BMN:ER

CHARLES C. DEAM
BLUFFTON, INDIANA

Sept. 5 1947

R. M. Nordine
Lisle, Ill.

Dear Mr. Nordine: Thanks for your birthday letter. I must be brief in my reply. The Indianapolis Star carried a write up of me and I have been flooded with letters. I advised the planting of *Corylus Avellana* as a windbreak about woods for that purpose and for squirrel food. Well it "took" and letters now want to know where to buy stock to plant etc. If you have nuts to sell send me a half pound to plant.

I note you wish *Prunus triloba*. I thought it was *Viburnum triloba* which is full of fruit this year. I fear my *Prunus* does not have any fruit and if so but a few. I will investigate and if I find any I will send them to you. By the way my *Viburnum molle* is full of fruit. It is now getting black. It must be harvested as soon as ready because the migrating birds soon clean it up. I also have some *Viburnum pubescens* var. *Deamii* and var. *indianaense*. Both green yet. I will have plenty of *Aesculus glabra* var. *Sargentii* and *Aesculus octandra*.

Yes I planted some seed of *Rhamnus caroliniana* and not a seed came. The tree has but few seed this year. If enough to send I will send them to you for another trial. Glad to learn that the cuttings did well. I can send you some more cuttings of the *Juniperus monosperma* as labeled. Just mention what you can use. The *Cephalotaxus* has again this year sent up a sprout this year but not as large as last year. Can you use it?

I am sorry to tell you I am going blind I can scarcely read at all now. The walnut crop is none this year. No acorns either and so far as I know no *Carya* either. So I guess I will not get to the woods this fall. I go tomorrow to northern Ind. to collect.

best wishes, I am sincerely yours,

Charles C. Deam

CHARLES C. DEAM
BLUFFTON, INDIANA
Jan. 21 1948

Roy Nordine

Lisle, Ill

Dear Sir: At last I have heard from Mr. E. J. Palmer on my hickories. I am sendidng you a specimen of each number you obtained seed from me. I have mounted on sheet to show you how I handle my herbarium specimens. Please find on the outside of the package inside 4 bags of nuts. I thought it might be of interest to put these specimens in your herbarium and in 25 ? years you can compare the nuts of the parent and offsrping^{spring}

I regret to inform you my eyes are going bad and I can scarcely see any more. It is a saying every dog has his day. Guess I have had mine. So I must sign off. Plan to consult another eye doctor yet this week at Hartford City. But I doubt if any thing will get me out of this trouble.

Wel l here are my best wishes and in the event the Carya fruit this year and I am able to trek nd see you can depend upon it that I will be after them in full force.

I am sincerely yours,

Chas. C. Deam
Chas. C. Deam

Bluffton, Indiana.

On account of my eyes I will
not try to read this letter
so please excuse errors
My eyes prevent from
working except for a short
time.

CHARLES C. DEAM
BLUFFTON, INDIANA
Dec. 13 1946

Mr. Roy M. Nordine

Lisle, Ill.

Dear Mr. Nordine: It is said your happiest when you are the busiest. So today
I am contributing my effort to make you happy by sending the cuttings you
asked for. They will take up a little of your sleek time.

Cephalotaxus drupacea var. *sinensis* Rehd. & Wils.

579-46 A seedling? (probably a 3. yr transplant) about 10 inches high donated
by the Arnold Arboretum and planted Dec. 23 1932. Today this tree measured

3' 10" inches high

Juniperus conferta Parl.

580-46 A seedling or cutting about 15 inches long was donated by the
Boyce Thompson Arboretum and planted Apr. 30 1930. Today the tree measured 5' 8" inches high and 16' in crown north & south
and 17' 10" east and west (across).

Juniperus monosperma Sarg. I use this name because it is so recorded
(You told me it was *J. mexicana*)

581-46 Delsie Demaree sent me seed from Arkansas in 1926. I succeeded in growing
but one plant and this seedling I planted Apr. 6 1931. Today the tree
is 17 inches in circ. at the base and 14' 9" tall.

Juniperus rigida Sieb. & Zucc.

582-46 A seedling about 2 ft. tall was donated by the Boyce-Thompson
Arboretum and planted Apr. 30 1930. Today the tree is 14 inches in circ.
d.b.h. and 23' 9" tall.

I am glad to learn that the walnut proved O.K. What you obtained were
from the best tree I have. The nuts are small this year on account of
drought. I obtained another bushel from this tree and I hulled them and
gave them all away because there were all filled out. Three of my trees
had over half failures. I had two trees well fruited but the nuts are very
small and one cracks badly. I had one other tree with a good nut but it
cracks very hard.

As to the name of the *Juniper monosperma* I have changed the name
on the tree and on my card so in the event you decided my tree is not
J. mexicana please advise and oblige. My tree has no fruit on it.

As to *Juniperus conferta* will say I know nothing of the propagation.
I obtained three seedlings and they all grew. Once I gave University of
Michigan arboretum about 500 cuttings and the Purdue U. Forest School about
250 cuttings but I never heard any thing about them.

According to my diary I made a botanical trip to southern Ind. with
some botanists and one night we spent at Mt. Carmel, Ill. Here I called
on Dr. Sereno Schneck who is the son of Dr. Jos Schneck for whom Dr.
Britton named the *Quercus Schneekii*. Dr. Sereno Schneck grew a lot of
seedlings and planted them as street trees about his home in Mt. Carmel.
This year the trees were well fruited and Dr. Schneck sent me a peck. I
peddled the acorns and it may be that I sent them to the Morton Arb. or
Dr. Schneck may have done so upon my suggestion. OVER

I never met the Elder Dr. Schneck. In 1911 I went over to his home and met his wife and son Sereno who was named for Sereno Watson the botanist. Schneck was a great admirer of Prof. Watson and he had all of Watson's papers bound in one volume which I bought. I bought Dr. Schneck's library (botanical except a German Edition of Linnaeus' complete works) Too I bought his collection of Indiana woods which he with others had prepared for the New Orleans exhibition. This is a wonderful collection. I bought it for \$50.00 but later turned it over to the State for the museum but I do not know what they have done with it. It can never be replaced. Each species was represented by a 16 inch tangential section taken from the largest tree possible to secure. The diam. and height of the tree was inked in the wood and a leaf was also drawn on one face of the block. These treasures fell into the hands of young foresters who have little knowledge of the value of such. I have a photo of the Elder Schneck. The younger Schneck was a prominent doctor and a "rounder". I always called on him when I could get to Mt. Carmel. In 1939 was the last time I have seen him.

Now as to the names of the Carya nuts I sent you I will keep the names in mind and when I hear from E. J. Palmer I will send you a list of his determinations. I have just completed my work on the Cray and I have changed the names I think on one or two of those I gave you.

I think it would be nice if you would let me send you a good herbarium specimen of each with the correct label when Palmer reports on them. Then you will have the fruiting specimen of the parents of the nuts you plant. No doubt for you to make comparisons but we must be "bigger" and think of the future. Fact is practically all of your work is for the future botanist and you will rarely see the fruits of your planting. Although the walnuts you secured here are the result of my own planting.

Well Nordine I hope the cuttings will arrive in good shape and be of interest to you and too I hope things will shape up so you can pay us a visit again sometime soon.

I am sincerely yours,

Chas. C. Deam

Bluffton, Ind.

Deam.

Salix discolor eriocephala

Populus deltoides julosa

Carya ovata fraxinifolia

" " *nuttallii*

" *alba subcordata*

" *glabra megacarpa*

" *ovalis obcordata*

" " *obovata*

Material coll on trip to

Eastern Indians. Oct 2-4-1946

Datura stramonium ^{sd} with smooth pod Deam A-b.

Quercus texana ^{sd} Deam A-b. from south tree
grown from sd in 1929 from Pratt National
Park Okla.

Juniperus conferta ^{sd} from pit from A-b.

Cypripedium parviflorum ^{pubescens} ^{sd} - Deam A-b.
found in woodland. Ariz.

Quercus Deamii ^{sd} from parent tree -
2 mi NW Bluffton Ind.

Prunus lanata ^{sd} - Deam A-b. from SE Ind. ^{Tree of Ind.}

Thalictrum perelegans Greene ^{sd} Deam
A-b. from North Carolina.

Carya ovata ^{sd} from several trees along
highways in Indiana.

Quercus falcata ^{sd} Deam # 64811. coll
in Posey Co. Ind 9/29/46

Carya ovalis ^{sd} Deam # 64789 coll at
1 1/2 mi SE of Ray - Starbuck County Ind
from 10" trees.

Carya ovalis Seams #64796 - coll
in Sturken County from 16" tree.

Carya ovata sd Seams #64791.
Coll in Sturken Co. from 15" tree.

Carya ovata sd Seams #64790.
Coll in Sturken Co. from 18" tree.

Carya ovalis sd Seams #64786 coll
in Sturken Co. from 13" tree.

Quercus macrocarpa sd - Seams A.B.
tree on north property line - Sect J.
tree bought as seedling from Kelsey
nurs. - 1905.

Bilia rubra. sd - Seams A.B. western pld.

Cassia nictitans. sd from roadside
east of Kentland Ind.

Hydrangea arborescens sd Seams A.B.
plts from Southern Ind.

Gerardia paupercula typica sd from a low
dry area - east of Kentland Ind.

Veratrum Woodii sd Seams A.B.

Cimicifuga Americana. sd Seams
A.B. - late blooming from Black Mt
Kentucky.

Polygonatum commutatum ramosum.
sd - Seams A.B.

Sassafras albidum. sd - from
highway pld - east of Loganport Ind.

Lindera australis sd from low area
on #10 east of Argos Ind.

Sassafras albidum sd from North
Manchester Ind.

Scutellaria incana sd Seams A.B.

Nyssa sylvatica sd ^{4 pld.} from black
sand area east of Jackson Ind.

Betula populifolia pendula - sd
and scions from Mrs C McConnell
farm yard - north city limits
Sidney Ind. Does a good specimen.

20 ft. high x 15 ft. wide to be destroyed by 1945

Polygonatum commutatum
vamosum. plt & A.

Physostegia speciosa. plt & A.

Chelone obliqua speciosa plt & A

Phymosa remota - plt & A.

Asimina triloba sd. coll at Loganport
Ind.

503-46 *Cocculus carolinus* plt & A.

502-46 *Clematis viticella* plt & A

501-46 *Clematis Pitcheri* - plt & A.

504-46 *Cornus rugosa* - plt & A.

505-46 *Spiraea alba* plt from Dunes
of Indians.

Aster laevis. sd - Elkhart Co Ind

Cleome aurea var *jonesii* - Western sd

Rhamnus caroliniana - Southern Ind. sd

Styrax americana, sd. Posey Co Ind.

Crataegus punctata aurea. Deane Arb.

Grindelia lanceolata plt. & A

Helianthus Kilmarnockii plt & A

Helianthus pilosus plt & A

Crataegus meticulosa sd Deane

A & B. - plt was seed in 1926 - sd

Deane Trees of Ind.

Oenothera triloba plt. - Deane Arb.

Solidago sphacelata plt Deane Arb.

Lobelia siphilitica albiflora plt & A.

Geranium maculatum plt & A.
red flowered.

Solidago Shortii - plt & A.

Penstemon calycosus plt & A.

Helianthus atro rubens pubescens

Rudbeckia subtomentosa - plt & A

entire leaf.

Sanguisorba canadensis plt. & A

Rudbeckia subtomentosa triloba plt & A

Uvularia sessilifolia plt & A

Hybanthus concolor plt & A

Stylophorum diphyllum plt & A.

Phymosa remota.

Grindelia lanceolata

Oenothera triloba

Solidago sphaecolata.

Lobelia sulphurea alba

Geranium maculatum red.

Solidago Shortii

Penstemon calycosus.

Rich. County, Ind.

Monarda -

Helianthus atrorubens pubescens

Rudbeckia subtomentosa

Helianthus Kelermanii
in B & B.

Sanguisoria canadensis

Rudbeckia subtomentosa
triloba.

Urtica sessiliflora.

Hybanthus Concolor

Stylophorum diphyllum

Polygonum commutatum
racemosa.

Oenothera pilosa.

Physotegia speciosa

Chelone obliqua speciosa

several omitted.

List of items obtained from Deam Arboretum
Oct. 3 1946

Chelone obliqua var. *speciosa*, SW., Ind.
Clematis Pitcheri, SW. Ind.
Clematis Vitellana, exotic
Cornus rugosa, northern Ind. & in Montgomery Co
Helianthus atrorubens var. *pubescens*, Tenn. & Ky
Helianthus Kellermani, Columbus, Ohio
Hybanthus concolor, Indiana
Geranium maculatum, Indiana
Phymosa remota, Elkhart Co., Ind., Ill. W. Va.
Rudbeckia subtomentosa from Gibson Co., Ind.
Sanguisorbia canadensis, Tippecanoe Co., Ind.
Solidago Shortii, Black Mt., Ky.
Solidago sphacelata, southern Ind (Unglaciated)
Stylophorum diphyllum, Ind.

Seeds to follow

Aster laevis from Elkhart Co. Ind
Cleome aurea var. *Jonesii*, western?
Rhamnus caroliniana, southern Ind.
Styrax americana, Posey Co, Ind.

Cuttings

Cephalotaxus drupacea, exotic. In December

CHARLES C. DEAM

BLUFFTON, INDIANA

Nov. 11 1948

Dear Mr. Nordine: I am leaving in the morning for a meeting of Foresters and will not be home until Sat. so I will send the seeds I promised you. The *Aster laevis* are green Just cut them so take them out and let them dry and ripen. This *Aster laevis* is a very fine plant. I grew it in very sandy soil. I found it in almost pure sand and in the open.

I regret I can not send you a lot of the *Rhamnus caroliniana*. We had a fine crop but I did not bag them and the migrating birds took all but the few I was able to glean. I admit the scarcity of some I send but it was all I could get. I "stuffed" your order by sending you some *Crataegus punctata* var. *aurea*/ This is rare in Indiana but right here in our neighborhood it was a common tree. If not interested you can discard. Fruit small this year on account of drought.

The cuttings promised will start from here Dec. 11 or 12 if I am able to cut them. No matter they will come if I am able to do the job. Here are my best wishes and I am glad you enjoyed your visit here. Come again.

Sincerely yours!

Chas. C. Deam

Bluffton, Indiana.

P. S. *Aster laevis* from Elkhart Co., Ind.

Rhamnus caroliniana, from seed from a tree in S. Indiana.

Styrax american, from a shrub dug in Posey Co., Ind.

Crataegus punctata var. *aurea*. Seedling dug from Wells Co. Ind.

Cleome aurca var. *Jonesii*, seed did not mature. Planted too late.

Thomas walnut. museum specimen/

P. S. I almost forgot the Thomas walnut. The nuts are not yet dry. Open container if rodents are not present spread them out to dry. Please note that this year was also dry and the nuts are approximately 20% smaller than in 1943. Note These nuts husk readily. This year all nuts staid on tree until all the leaves had fallen, they tried to mature fully but failed. In my judgment the best walnut available. Deam

CHARLES C. DEAM

BLUFFTON, INDIANA

Sept. 19 1946

Dear Mr. Nordine: I sure am glad to learn you plan to visit us yet this fall but I fear you will never get here if you wait for a new Ford. Last May we decided to buy a new furnace and we ordered a gas furnace which was to be installed by Aug. 1. When the time came they informed us that they could not be had. Then we started to get an oil furnace and we found one firm that agreed to furnish one by Sept. 1 but no furnace yet. Here is hoping. Well the getting here is all up to you. As to the time any time will suit us but this drought has defoliated so many trees, the hickories have most of the leaves browned. I spent the week end with two botanists in Lake County, Ind. and we found that you have had a severe drought up there too. Our hickories had some nuts on this year but they have all dried up or at least many have. The walnuts on our trees are drying up and I doubt if many will mature.

Well the dates Oct. 10 will be O.K. so will any time before Oct. 5. The sooner the better the leaves will be on. Come to stay all night so you will have time to rest and visit. Tell the folks you will be home when they see you.

Now as to the way to get here. I suggest that you go directly to Joliet and take Road 30 to Columbia City and then 9 to Huntington and then 224 & 116 to Bluffton. Or take Rd. 6 east through Hammond and keep this road to Kendallville and then Road 3 to Ft. "ayne and then Rd 1 to Bluffton. You could go ~~km~~ on Rd. 41 to Kentalnd and then on 124 to Huntington but there is a bad detour at Monticello. You have to go three miles to get across the river but the detour is all paved. This is a good road but a few miles farther. I went this way last Friday so I know the road. Now when you get to Huntington you land in the business section. Go south until you cross the railroad and then about a block where the road forks (traffic light here) Then take the left fork and you are then

on road 224. Keep this for 9 miles a little more when you OVER

approach the little town or Markle. Before you reach the place the road bends to your left but you will see a black cap road that leads straight ahead which you take. Soon you find and strong left curve as you

round a cemetery. Keep straight ahead through Markle. You will find no traffic light but one stop sign. Go right straight ahead through the town for about 8 mi. when you come to the village of Murray. Here you have a right angle turn to the right. Go through the village and stop at the second road to the left and see the Deam Oak. There is a large sign here. This oak is a hybrid between *Quercus alba*? and *Q. Muhlenbergii*. Then go ahead about 1 mi. to Road No. 1. Here right into to Bluffton, 1 mi. When you turn you will see the Bluffton Water Works Smoke Stack. Our place is just east of it. When you come to the Court House in Bluffton you come to a traffic light. Go through two traffic lights and turn to the left at the first street after the lights. Go east 5 blocks and you are in our front yard. Here turn right and park and horn as if there was a fire and you will get me or wife at once since we never leave home except one at a time to shop.

Our schedule to go to Okla. is to leave Fort Wayne Oct. 4 and we plan to get home Oct. 9.

Well the mail man is due here in five minutes so I must sign off

without reading this but I guess you can make it out O. K. Here is hoping you can be here and that you will get something for your visit but I do not know what it will be. I am sincerely yours,

Chas. C. Deam

Bluffton, Indiana.

CHARLES C. DEAM
BLUFFTON, INDIANA
Aug. 31 1946

Roy M. Nordine

Lisle, Ill.

Mu Dear Sir: Last fall I recall that you expressed a desire to visit out patch of trees and shrubs. I hope you are still in the notion. I know mighty well that I have nothing worth your trip here but add what little you might get to having a good time out might add up to a visit.

I write this note so that if you still have the idea it might be well that you let me know in advance. My eyes are out so I can not see much so I must stick at home because I can no longer drive a car for any length of time. I have engagements now as follows:

Sept. 13-16, trip to Lake Co. Ind. to collect with Prof. Friesner and Dr. Potzger. Oct. 4-7 or 8 trip to Norman Okla. to visit our daughter. Oct. 17-20 to attend the Ind. Acad. Science at Terre Haute. All other days free, except I may scout to the coutry a day now and then for hickory and *Quercus ellipsoidalis* or *Q. coccinea*.

Now if you are still in the notion of coming and I hope you are, let me know a day or two in advance. You can come alone or bring with you any one you wish. I doubt it if you can make the trip in one day without stressing yourself so better arrange to get here one P.M. and stay all night here and return the next day.

I have been pruning our arboretum. I have not been able to secure any one to do manual labor but I now have a 14 yr. boy who can saw and is a good boy. I tell him just what branch to saw off and what tree to dig out, etc. Most people condemn my pruning. I admit I over prune because when I die (and I am now on my 82 nd year, this place reverts to the "Indians" and nothing will be done until the property passed into other hands when they may make a tennis court out of the place.

You need not pay any attention to this note if you can not come over. Just work hard and save your money. Most sincerely yours with best regards to you, Mr. Godschalk, and Kammerer. Sincerely yours

Chas. C. Deam, Bluffton, Ind.

BUS SCHEDULE

Northbound	Southbound
5:20 a. m.	5:44 a. m.
6:20 a. m.	6:14 a. m.
*8:25 a. m.	8:14 a. m.
9:21 a. m.	12:44 p. m.
11:26 a. m.	2:29 p. m.
1:26 p. m.	3:19 p. m.
*2:16 p. m.	4:14 p. m.
3:56 p. m.	6:27 p. m.
6:56 p. m.	8:29 p. m.
7:56 p. m.	
8:26 p. m.	
12:11 a. m.	

* Daily except Sundays and holidays.
 † Special Employees' Bus—Daily Except Saturday and Sunday.

CHARLES C. DEAM

BLUFFTON, INDIANA

Nov. 26 1945

Your letter of Nov. 20, was duly received but my eyes have
 and I had to get a list of plants to printer at once so I
 but get the list ready. I finished it yesterday at 4,00P.M.

It thrills me that you plan to visit us. Sure will be glad to have you
 come but I also fear you will be disappointed. Just like all Americans you
 will "take a chance".

Yes we have restaurants and a good but old hotel but these items need
 not bother you. The "Prison Camps" show that a man can "take it" for a
 day or two or even years so if you can take our feed and beds you will
 be mighty welcome to stay here so let that pass. We live only 6 blocks from
 the bus station which is at the hotel. So if you come and I am not there
 you can phone me(phone 588) and I will go at once to get you. I shall
 meet every bus that comes in about the time you are expected to light here.
 In the event you come and no one to meet you go south one square and turn
 left to end of street and you are in our front yard. If I was not afraid
 to drive in large cities I would say I would meet you at Fort Wayne but I
 never drive or have I ever driven in large cities although I class myself
 as a first class driver(have driven over 150,000 miles in Indiana. I used
 to be able to run a Ford on a chalk line, and drive over the roughest roads
 in the state.

Now I hate to chart out a route here. We used to have 5 railroads
 but none that carry passengers now. Only way to get here is via bus. I
 enclose you a bus schedule from Fort Wayne. It takes about 50 minutes
 from Fort Wayne here. Really the best way for you to get here is via
 rail from Chicago to Fort Wayne. I do not have time tables of the Rys.
 here but the Penna lines are the best if the time suits you. Too the Erie
 is O.K. but not so fast. When you get to Fort Wayne the main St. is
 Calhoun St. Take a car to Lewis??? St. and go west 1 block to Bus Station.

Ask conductor to let you off at street for bus station. OVER

CHARLES C. DEAM

BLUFFTON, INDIANA

Nov. 26 1945

Dear Mr. Nordine: Your letter of Nov. 20 was duly received but my eyes have been about out and I had to get a list of plants to printer at once so I did nothing else but get the list ready. I finished it yesterday at 4,00P.M.

It thrills me that you plan to visit us. Sure will be glad to have you come but I also fear you will be disappointed. Just like all Americans you will "take a chance".

Yes we have restaurants and a good but old hotel but these items need not bother you. The "Prison Camps" show that a man can "take it" for a day or two or even years so if you can take our feed and beds you will be mighty welcome to stay here so let that pass. We live only 6 blocks from the bus station which is at the hotel. So if you come and I am not there you can phone me(phone 588) and I will go at once to get you. I shall meet every bus that comes in about the time you are expected to light here. In the event you come and no one to meet you go south one square and turn left to end of street and you are in our front yard. If I was not afraid to drive in large cities I would say I would meet you at Fort Wayne but I never drive or have I ever driven in large cities although I class myself as a first class driver(have driven over 150,000 miles in Indiana. I used to be able to run a Ford on a chalk line, and drive over the roughest roads in the state.

Now I hate to chart out a route here. We used to have 5 railroads but none that carry passengers now. Only way to get here is via bus. I enclose you a bus schedule from Fort Wayne. It takes about 50 minutes from Fort Wayne here. Really the best way for you to get here is via rail from Chicago to Fort Wayne. I do not have time tables of the Rys. here but the Penna lines are the best if the time suits you. Too the Erie is O.K. but not so fast. When you get to Fort Wayne the main St. is Calhoun St. Take a car to Lewis??? St. and go west 1 block to Bus Station.

Ask conductor to let you off at street for bus station. OVER

If you come via Penna Ry. go east about a block to Calhoun ST. and take a car to the left or North. If you come via the Erie go west of depot to the first st. which is Calhoun and take a car to the left which is South. In asking for bus station, think it advisable to say bus station for Bluffton because I think there are two bus stations. Now I think this is all the data I can give you. In order to get here you may have to start "before breakfast" as they say. At Fort Wayne better inquire when the trains go west in the P.M. The Penna. has ever since I can remember had a train for Chicago out of Fort Wayne about 4.00 P.M. A fast train. The Erie has a train west as I remember about 2.00 P.M. I think this train has been running on that time since about 1905. It goes through Hammond. It might be handier for you to take the train at Hammond. To get to Hammond go south from Lisle to Road 7 which is U.S. 6 in Indiana. Get a Standard Oil map of the area and you can see how to get the Erie Ry. The Penna. does not stop before it gets to Gary except the "milk trains".

Now as to the oak specimens. I can not agree with you that the Elkhart specimen is *Q. velutina*. The inner bark is not yellow. The God's truth is that *Q. velutina*, *Q. coccinea*, and *Q. ellipsoidalis* are difficult to separate. My eyes have been so bad for years I have not had the eyesight to study the complex. The large pubescent terminal bud, the yellow bark, and the comparatively straight sides of the scales of the cup set off this species from *Q. coccinea*. *Q. coccinea* has the margins of the scales of the cup with concave sides while *Q. velutina* has them straight, at least the upper ones. Too the inner bark of both *Q. coccinea* and *ellipsoidalis* is white. I shall be glad to have you study my specimens. Most of them are at Indiana University but I do have a lot of *Q. ellipsoidalis*. Now I shall await with pleasure your anticipated visit. You mention a week end which may mean Sat. and Sunday. You can not make it in one day, that is if you wish to go over our arboretum which is only two acres but you must go slow if you expect to profit by seeking things. / Please ~~write~~ ^{write} me when you expect to leave Fort Wayne for Bluffton and I will meet the bus. Do not come when there is snow on the ground. Best wishes, I am sincerely yours

Chas. C. Deam

Memoranda on items sent to the Morton Arboretum, Oct. 27 1945

Acer saccharum f. *Schneckii* (Rehder) Deam.

A seedling about 2 yrs old was dug in a beech woods between New Harmony and Mt. Vernon and planted spring 1919. It is now 38 inches in circ..d.b.h. and 40 ft(est.) tall.

Carya ovalis var. *obcordata* Sarg.

No. 63844. data on herbarium specimen

Carya ovalis var. *obovalis* Sarg. forma *acuta* Sarg.

Sed Bot. Gaz. 66: 247.1918.

This is a very rare tree and known in Indiana only from this tree.

Carya ovata (Mill.) K. Koch

A small fruited form of the species. The hickories are not fruiting in Indiana this year except a few in northern Ind. and a few in southern Ind.

Carya tomentosa Nutt. (*Carya alba*)

Data on herbarium specimen. This is the most northern record for Indiana. Freq. to common in the unglaciated area of the state.

Quercus texana Buckley

No. 63895. Data on herbarium specimen label

Quercus texana Buckley

No. 63896, data on Herbarium specimen label.

You will note this tree is far north of its natural range.

My specimens are quite hardy and in habit resemble the pin oak except the branches are ascending. Apparently it will make a nice small sized tree for street or lawn. Please note the two kinds of cups. *Quercus Muhlenbergii*, *Quercus ilicifolia*, and *Quercus texana* all have this two-form cups.

From Mr. Deam

CHARLES C. DEAM
BLUFFTON, INDIANA
Dec. 26 1945

Dear Mr. Nordine: I am sorry we could not get together this year. My eyes still ~~bo~~ bother me very much. I dare not read and I try to peck out a letter a day or two. We have been trying to find a landing place in Florida and only last Sat. did we get a place. A cottage in Sebring. We sent a check by air mail to make sure of it and we now plan to start Jan. 1. I had to secure a driver and only today did we find one so it is all now fixed to go. We plan to stick until Apr. 1.

So I hope you can arrange to come over some time after April 15. We will probably take about 10 days to get home since I like to nose around a lot but if I am feeling badly we make a bee line for home.

I hope you had a prosperous trip to the East.

Well here are my very best wishes and hope we can meet here early next year in my planting of "sticks".

I am sincerely yours, *Charles C. Deam*

Chas. C. Deam

Bluffton, Ind.

P. S. Fate seems to be against me some. I had hoped to get into sub-tropical Florida but every letter we wrote brought us a negative answer and by gosh today's mail brought me just the letter I wanted. I sent an air mail anvelope for reply and the man monkeyed around before he replied. I want to work the Florida Keys. Think we will move to his place about Feb. 15, that is if my eyes come back. In 1943 I was down there and my eyes came back in 5 weeks.

D_eam

CHARLES C. DEAM

BLUFFTON, INDIANA

Nov. 1 1945

Dear Mr. Nordine: Mighty glad to hear from you and more glad to learn you plan a visit here. I wish to warn you in advance you will be disappointed in our place. We have about 2 acres and it is planted up solid with stuff with no idea of design. We have about 500 woody items. Our stuff is now all in the winter phase except of course a few oaks.

In the event you come by auto I suggest that you take U.S. Road 30 at Joliet and keep it until you come to Fort Wayne. Here you take Road 1 south to Bluffton, 25 mi. To find us keep Road 1 in Bluffton and pass Court House and then continue to second street and here turn left which leads to our front door. Where you turn left there be a Standard Filling Station on the right and across south from it a Sheel Filling Station and on the left the Clinic Hospital. This is the shortest and best road but Road 30 is a much traveled road. Or you can take Road 7 which is our Road 6 at Lockport. It takes you through Hammond. Keep it until you reach Kendallville and there you take Road 3 for Fort Wayne and then on No. 1 to Bluffton. This is a good road all the way.

I regret to inform you I can not send you any thing else this Fall since I have closed the season. Did I tell you to look up your *Vitis Labrusca f. alba* (Prince) Fern. I sent you a few layers once but poor and may be they did not survive. I now have a few good ones which I would like to give some one next spring. This is a rare form so far as I know. The original one in Mass. has died out. Mine is from an original found in Franklin County, Indiana. My memory is getting so bad I can not recall any thing. I do not take carbon copies of my letters so I do not recall if I told you I had a few seedlings of the oak in question but as you say it will be 20 years or more before we can know if it comes true or not.

OVER

You can come any old time week day or Sunday because all the days look alike to me.

CHARLES C. DEAM

I am glad to learn that Mr. Kammerer is home. Doubtless he has had a lot of thrillers and has had an opportunity to add to his knowledge of parks, arboretums, and the like.

Best wishes to you all I am sincerely yours,

Chas. C. Deam

Bluffton, Indiana.

P. S. This note not read on account of my eyes. I have a hemorrhage in left eye and I am blinded in that eye so I am one-eyed now and poor at that.

Deam

I regret to learn you I can not send you any thing else this fall since I have missed the season. Did I tell you to look up your Vista Lachrymosa? (Prunus) Fern. I sent you a few papers once but poor and may be they did not survive. I now have a few good ones which I would like to give some one next spring. This is a new form so far as I know. The original one is in the hands of the Indiana Botanical Society in Franklin County, Indiana. My memory is getting so bad I can not recall any thing. I do not take carbon copies of my letters so I do not recall if I told you I had a few seedlings of the one in question but as you say it will be 25 years or more before we



THIS SIDE OF CARD IS FOR ADDRESS



Mr. Roy M. Nordine

Morton Arboretum

Lisle

Illinois

Dear Mr. Nordine: In consulting the calander
I find we do not get home from Okla. until
Oct. 10, So make trip on Oct. 11 if you come that
weel end.

Sincerely yours

Chas. C. Deam

Sept. 19 1946