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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.

14 Sept 1988

RFD 1 Box 146
Laconia NH 03246

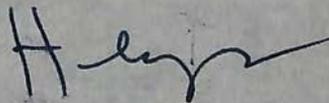
Dear Al,

Thanks very much for your response of 8 September. I guess I should have recognized Taylor Steeves but it has been a long time since I have seen him.

I have written to Leo Hickey about Dorf and will hope to hear from him.

It has been most interesting and fun to collect paleo photos. My collecting has slowed down as I rarely get to meetings and pick photos up by chance here and there. If you have, at any time, duplicates that you do not want you might remember my interests!

again, thanks + best
wishes,



Henry Andrews

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
University Park, PA 16802
(814)863-3419 or (814)865-6393

8 September, 1988

Dr. Henry N. Andrews
R.F.D. 1, Box 146
Laconia, NH 03246

Dear Henry:

Just walked in from the Australia IOP-IPC meetings, where you were mentioned often. Yours of 20 August here. Sorry to hear about the kidney stones. My dad used to get those. He was a brave man, but k.s. made him scream. I suppose you heard about Aureal Cross's cancer of the prostate? It washed him out of the Australia trip.

Your history-of-paleobotany work sounds entertaining, and I love it that you're doing it. Re your photos (enclosed):

1. Askell Löve
2. Taylor Steeves

Löve is (was?) a Quaternary palynologist. He used to be in Quebec. Steeves (student of Wetmore when I was at Harvard) is a plant morphologist at Univ. of Saskatchewan. His wife is the lady that Steevesipollenites is named for--she's a paleopalynologist, was student of Barghoorn. I confess that high-power examination of their name badges was used to confirm the identification!

Re Erling Dorf. I don't have a suitable photo. I suggest you try Leo Hickey at Yale. He was Dorf's Ph.D. student.

The meetings in Australia were very interesting.

All the best.

Yours very truly,

Alfred Traverse

AT/et
encl: photos

20 August 1988

RFD 1 Box 146
Laconia, NH 03246

Al Traverse

Dear Al,

I continue to try to gather photos of paleobotanists, past and present. It is fun and I hope that my collection may eventually be of use to any in the future who are interested in the history of paleobotany. I take the liberty to ask this of you - A short time ago I found a batch of negatives that I had taken at the Rhynie, Scotland, locality at the time of the 1964 International Botanical Congress. My son kindly printed them for me. Included were several that I could not ~~xxxx~~ identify and I sent them to Harlan Banks who helped with several, but there were two that he did not recognize, and suggested that you might be able to.

Enclosed are the two. Will you please return them at your convenience.

Also - do you happen to have a photo of Erling Dorf? I am anxious to include him in my collection.

I am also happy to say that I have several good photos of you - one by Michael Millay and one by Pat Gensel. I think that all of them show you with a camera in hand!

My only other efforts in paleobotany have been confined to the article that came out in the AMERICAN SCIENTIST last year and a more recent history of paleobotany in Maine (with Pat Gensel and Andy Kasper). This is scheduled to be published this year by the Maine Geol. Survey in a commemorative volume on Jackson, the first geologist in Maine.

Aside from a very recent, and very uncomfortable, struggle with kidney stones I am getting along, and hope that all is well with you =

best wishes - Henry
Henry N. Andrews

18 March, 1985

Dr. Henry N. Andrews
R.F.D. 1, Box 146
Laconia, NH 03246

Dear Henry:

Thanks for the two ~~sample~~ reprints. My students can profit from your thoughtfulness!

Couldn't agree more with you about air travel, but it has completely taken over. We just had a trip to New Orleans in perfect weather, and it wasn't bad. But I really miss the Pullmans--that was the way to go! Betty, on the other hand, alleges she likes flying! (Even when it's so rough that the person next to her pukes into a paper bag?) In the long ago I used to drive a yoke of oxen in New Brunswick, so I can almost imagine your bullock cart (see current Nat. Geogr.).

Best to Lib.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

P.S. Always hide your note in the reprint and send it Printed Matter!
Pacltováeven wishes me a Merry Christmas that way!

4 March 1985

Al,

In going thru an accumulation of reprints I found these and thought that you might have a use for them at some time or other - I have kept one for myself!

Assuming that the meetings are held again this fall at Petersham I will hope to be there and hope very much that you will also.

Although I have not been to any of the big meetings, national or otherwise, for some years I was induced to attend the IOP meetings at Edmonton (and the pre-meetings field trip) last August and enjoyed it all very much - that is, with the exception of the long air flights - the only worse way to travel that I have personally experienced is in a bullock cart in India!

Best wishes -

- Henry

Andrews

THE PENNSYLVANIA STATE UNIVERSITY

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UNIVERSITY PARK, PENNSYLVANIA 16802

College of Earth and Mineral Sciences
Department of Geosciences
Palynological Laboratories

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863-3419

6 December, 1984

Dr. Henry N. Andrews
R.F.D. 1, Box 146
Laconia, NH 03246

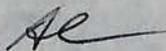
Dear Henry:

Thanks for sending the slides of Tom Harris, Rudolf Florin and John Walton. One more thing--could you send me at least the approximate date (year?) of each picture?

Enclosed is check for \$2.75--the \$2.13 for the slides, 40¢ postage: 20¢ for the photos and 20¢ for the additional note per above, plus a little for the stationery. I suppose when I'm retired I'll appreciate similar courtesy.

All the best to you and Lib for the holidays and for 1985.

Yours very truly,



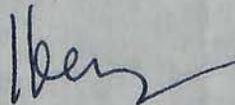
Alfred Traverse
Professor of Palynology

Al,

I think all of them were taken at the time of the Edinburgh Congress - 1964.

AT/et

thanks and best wishes,



28 November 1984

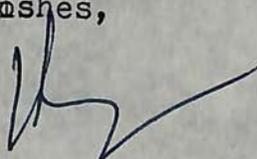
Al ~~Re~~verse

Al

Enclosed are the duplicate slides -
sorry it took so long. The cost to me is
.71 per
3 slides = \$2.13

It really isn't worth the bother - if you
will please keep me on your mailing list there
for reprints I would appreciate it. And forget
the 2.13

best wishes,



Andreas

Henry N. Andrews
RFD 1 Box 146
Laconia, New Hampshire 03246

G

1. E. A. Newell Arber, at Saas ~~K~~rund, Switzerland, 1908.
2. Suzanne Leclercq at Berryville, Illinois coal ball locality.
3. John Walton, at Pretoria Gardens (Glasgow ?)
4. ~~4x~~ Tom M. Harris at Rhynie, Scotland, 1964
5. Rudolf Florin at Stockholm, about 1950
6. A. Ox Road Bay locality, Scotland, 1967 (Lower Carboniferous)
B. Tantalou Castle on opposite (north) side of Ox Road Bay.
7. Trout Brook, Baxter Park, Maine - Lower-Middle Devonian
8. north shore of Gaspé Bay, Quebec; black shale is Renalia hueberi Gensel locality.
9. Trout Brook, Baxter Park, Maine; Andrew Kasper at Pertica quadrifaria locality.
10. Silicified Sequoia stump, and Lee Wayne Lenz, at Florissant, Colorado, 1946

after 1-VII-75

Dr. Henry, Andrews ~~III~~.
 Henry Shaw School of Botany
 Washington Univ.
 Dept. of ~~Biological~~ St. Louis, Mo. 63130 ~~R.F.D. 1~~
 Science ~~Dept. of Botany~~ University of Connecticut
 Storrs, Conn. 06268

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#1
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 27, 28, 29, 30, 31, 32, 33, 34, 35, 41, 42
~~20~~ ~~203-429-3311~~ 203-486-4319
 X 4415 RFD 1, Box 146
 Home: 33 Lyngwood Rd. Laconia, NH
 Storrs, Conn. 06268 03246



The Lane Tavern

25 Nov 1981

RFD 1 Box 146

Laconia, NH 03246

Dear Al,

Thanks very much for the book. It is very welcome. I did read Prescott's 'Mexico' many years ago but have not read his 'Peru' and will look forward to doing so. I get inspiration from Prescott when I have impossible ~~my~~ jobs to do - thinking of what he accomplished with all his difficulties.

Best wishes,

new #: ~~xxxxxx~~
863-3419

10 November, 1981

Professor Henry N. Andrews
RFD 1, Box 146
Laconia, NH 03246

Dear Henry:

That was an interesting letter, and I thank you very much for the book, which arrived today. I am sending you a history book I found fascinating in a macabre sort of way--the classic account of Cortes and Pizarro's conquests. Imagine in any way glorifying criminals!

Your comments about the S-S controversy are interesting and will be treasured. Of course, the general qualifications of the two gents is not relevant. Indeed, it looks to me at the moment that the apparent lack of generic descriptions in Schlotheim means that hardly any of his names were validly published in 1820 anyway. Schaarschmidt had an interesting proposal (he feels caught between the advocates of Schlotheim and those of Sternberg): have no special starting point for paleobotany!--that would mean that it would be just straight priority.

Hello to Lib!--I can still taste the Hungarian goulash, etc. she fed me--I didn't even know she was a famous cook. Betty says it's a good thing she isn't quite that good, as I am having enough trouble keeping to 170 lbs. without that temptation.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

26 October 1981

RFD 1 Box 146

Laconia, NH 03246

Dear Al,

Good to hear from you and I hope you had a good visit in Switzerland. Did you do any fossil plant collecting there? I have often wondered about the localities that Heer described in his voluminous works. I have never been to Switzerland - my family spent some time there travelling around while I was working in Liège one summer.

I am sending along a copy of my book duly inscribed. I don't quite know what to say about payment and I wouldn't worry too much about it. The facts involved are that Cornell Press authors buy their own books at 50% so you know what it cost me. Next, my contract does not allow me to sell copies. My relationships with the Cornell U. Press have been very good ever since they published my 'Ancient Plants' so you definitely must not send me any money.

I especially like books about history and travel generally - so maybe if you have a book in your own library that you no longer want, and think I might like to read, send it along.

Now as to Sternberg and Schlotheim - I too find this a bit amusing. I have never been able to get much involved in nomenclatorial matters. My father was a lawyer and I think quite a good one but my own mind certainly is not tuned in that direction. I think I did my bit in this general direction by doing the Generic Index - which Jim Schopf talked me into one day when we were both at the Museum in Washington. That was actually a very good experience; I learned a great deal about both paleobotany and paleobotanists and I am grateful to Jim for getting me involved.

Jim took all of this very seriously and I think we should be grateful for people who will do it. I recall that he had a rather terrible hassle with Halle at the time of the Stockholm Congress over some of the fine points. I have been inclined to follow Seward who, as you may know, said once that we "should not follow the rules slavishly". This sort of attitude absolutely infuriated Jim!

To get back to the point - when I went over the works of Sternberg and Schlotheim as carefully as I could in preparing "The Fossil Hunters" I was very favorably impressed with Schlotheim's work; I think he was probably a better botanist and better scientist than Sternberg. And if you read my chapter on Brongniart and Sternberg you will note that I make it quite clear that there is no comparison between the two; Brongniart was a great and finely polished scientist; and Sternberg, although I respect his efforts, was not in Brongniart's class.

Now, I have no notion as to why JMS favored Sternberg. I have had a letter or two from Daber and I think one or two others - and I think I have been quoted in one of the IOP Newsletters as favoring Schlotheim.

I am now working on a general survey of the Devonian floras with Patricia Gensel. I hope I will live to finish it but it is tough going so much has been done with Devonian plants in the past few decades. There is a fearful lot of data to sort out.

Best wishes,



Henry V. Andrews

20 October, 1981

Dr. Henry Andrews
RFD 1, Box 146
Laconia, NH 03246

Dear Henry:

Finally back from sabbatical in Switzerland and am trying to get "caught up". Just read your abstract in GSA vol. Reminds me of the marvellous squabble we're having re ICBN: Sternberg vs. Schlotheim. Do you have any personal recollections of why JMS so favored Sternberg? It is very geopolitically amusing how the East German and Russian folks are lining up behind Schlotheim, and the Czechs behind Sternberg.

Also--I want to acquire a personal copy of your history book--but I want it suitably and effusively inscribed by the author. Can you arrange that? I mean I want to pay for it, of course. Do you have copies available?

All the best--and to Lib, too.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

19 May 1979

RFD 1 Box 146
Laconia, NH 03246

Dear Al,

Thanks very much for your letter of May 4 with all of the news - most of which was new news to me!

I am sorry to hear about Bruce Cornet's marriage - but I must say that I am amazed that his wife could have carried on this long. I guess it was about a year ago that Bruce sent me a rather voluminous batch of literature on his angiosperm ideas - and a long phone call. I do not understand it and the illustrations accompanying one of his 'papers' did not convey much.

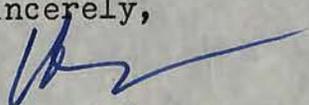
I enjoyed meeting Mike Boulter when I was in England in March. Bill Chaloner arranged a paleobotanical meeting of the Linnean Society at the British Museum - I gave a very informal talk on an aspect of my history project. It was a nice group of people and I met Boulter there. The most delightful aspect of the meeting was having Tom Harris as a chairman = he is still so bright, alert and delightful.

We spent a week touring around N. Wales - my wife wanted to see something of Wales and I love castles - Edward I built a marvelous ring of them around N. Wales in the late 13th century and we found them quite exciting.

I am somewhat relieved to have completed the history project - it became a bit tense toward the end. The Cornell Press has asked me to do a new version of my Ancient Plants book and I may tackle it in the winter but I don't know how I will handle the illustrations - no dark room here and no illustrator.

We have a small art print gallery that we have open in the summer - mostly charity sales for several organizations but it is time consuming - but we meet some very interesting folks. My wife does a weekly column in the Laconia paper on \times cooking - and I am taking the summer to restore a 50-year old 'laker' boat. And so it goes - I think this is about enough! Do hope you may get up here one day.

Sincerely,



Henry Andrews

4 May, 1979

Dr. Henry Andrews
RFD 1, Box 146
Laconia, NH 03246

Dear Henry:

What a joy to hear from you! I am glad that the book on the history of paleobotany will soon appear. In fact, Mike Boulter was here last week for a conference about ICP-IOP relationships, and he chatted a bit about your book. I am greatly flattered that you might consider putting a picture of Elso and me working at Forestdale in 1948, and the absence of a chemise does not offend me at all. I wouldn't want to repeat the performance in '79 though! The pit, incidentally, is located near the village of Forestdale, not in the city of Brandon. It is called the Brandon Lignite, because Forestdale is in the town of Brandon in the New England sense. An interesting curiosity about it is that the assistant priest at the Episcopal church in State College here recently accepted a call to be rector of the Episcopal church in Brandon, Vermont, and it turns out that there is a little Episcopal church in Forestdale, of which my friend will now be the priest-in-charge (as well as rector of Brandon). The curious matter especially is that it turns out that the senior warden of the little parish in Forestdale, Mr. Horn, is the owner of the Brandon Lignite site, and I remember him from those days long ago, but had no notion that the Horns were Episcopalians.

Very best wishes to you. I regret that we see each other so seldom, but with two full-time jobs I'm not exactly mobile. Perhaps you could come here with Lib one of these days? Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

P.S. I just had a sad little letter from Bruce Cornet, in which he tells me that things are going smashingly well professionally-- though nobody will listen to his origin of the angiosperms idea-- but his personal life is collapsing. Ginny has just sued for divorce. I feel somewhat shattered by the news.

27 April 1979

RFD 1 Box 146
Laconia, NH 03246

Al TRaverse
Pennsylvania State University

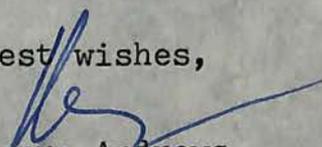
Dear Al,

I finished the manuscript for my paleobotanical history last December and it is going through the usual editorial channels at the Cornell University Press; it should be 'out' by the end of the year.

The illustrations that I originally gathered together were mostly photo-portraits of paleobotanists, and the editor asked me to diversify them a bit - photos of people in the field and such. I think it was a good suggestion and I have been working hard at it, but such photos do not seem to be easy to come by.

My reason for this letter is - Elso Barghoorn has sent me a good photo of you and Elso taken in the ~~Branford~~ Brandon lignite dig in August, 1948. You have a pick in front of you and a handful of lignite - it is a good photo and I believe that I would like to use it. But I thought that it proper to ask you - both of you have your shirts off - and I was just not sure that a distinguished divine would approve! I do hope that you will have no objection.

Best wishes,



Henry Andrews

8 August, 1978

Dr. Henry N. Andrews
RFD 1, Box 146
Laconia, NH 03246

Dear Henry:

It was good to hear from you again. The envelope is a collector's item--one of the old fashioned post-marks from Sanb...nton, NH, coupled with one of the new no-denomination stamps. Glad to hear about your project for the book on seeds, fruits and flowers. I presume you know about work of Barghoorn's recent student, now at Yale (I think), on the Brandon. Curious thing about Brandon, by the way, is that the current Episcopal rector of the Brandon and Forestdale churches is a friend of ours who previously was stationed here in State College. Also, I met the Bishop of Vermont on a recent trip there to visit an old friend, and the Bishop asked me to take summer services in Brandon. I don't imagine that I will do it, but wouldn't that be a funny coincidence?

You're right--the Brandon monograph has been out of print for a number of years now, and I have been giving out copies to the point where all I really have left is the one which is bound with some of my other papers in a hard cover, which I'm not anxious to loan, and a defective copy which has been patched up with xerox pages and whatnot. The later will probably do for your purposes, and I am sending it along under separate cover. Naturally I'm hoping to have it back, because I use it in my palynology course. Best wishes to Lib. It would be fun to see you again, but I can't imagine what would make it possible for at least a year or so. Have a good summer with what is left of it.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

RFD 1 Box 146
Laconia, NH 03246

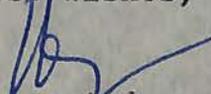
1 August 1978

Dear Al,

I am trying to work up a chapter in my history project ~~on~~ entitled ~~ON SEEDS AND FRUITS AND~~ ON SEEDS AND FRUITS AND FLOWERS. A considerable portion of it deals with southern England and Continental Europe but I am introducing a few pages on the Brandon locality. Although I am not doing very much with palynology in general, in this case I need to see your publication of 1955 on the Brandon pollen. I have misplaced my copy. I assume that you no longer have any for distribution but do you have a copy that you could loan to me for a few days?

In February I sent ~~some~~ Cornell Press about 50% of my projected MS and their reaction was quite favorable. I have recently sent them 80% of it and am hoping now for a final decision. I want to finish the whole thing by late fall.

Best wishes,


Henry Andrews

XXXXX
865-2342

29 August, 1977

Dr. Henry Andrews
Laconia, NH

Dear Henry:

Thanks for the loan of the Goeppert articles. As you can imagine, I have xeroxed them for my own collections and am returning yours immediately.

I enclose here xeroxes of a few pages from Erdtman's first book, which may be of interest. As I told you earlier, Ehrenburg is generally credited with the first description of fossil pollen or spores--in 1838--but I guess the "Latin Goeppert" wasn't known? (I was fascinated to learn, by the way, that he was a professor at the medical school in Bratislava!) I am now wondering why Alnites Goeppert doesn't have priority over Alnipollenites Potonie 1934.

Could you get a xerox of Ehrenburg and let me copy it, too?--after you've perused it, of course? That thing is always cropping up--first fossiledinoflagellate, first fossil pollen, etc.

You are, of course, right about Cornet. He does have a lot of ability, but it is hard if not quite impossible to keep him on target. Betty (my wife) and I (mostly Betty) are spending literally weeks getting things done to his thesis to get it ready for the committee--things he should have done but was too busy with his damnable angiosperm hobby-obsession to take time to accomplish before he left here--so he just dumped it in my lap in a largely unfinished form. Of course, he should have had these things taken care of months ago, long before he left here, but instead he spent his time writing 20-page letters all over the world and left us with this excruciating mess. I could just run away from it, but there is too much at stake. I'm afraid I won't be in a very good frame of mind for the thesis-defense, let alone entertaining Bruce and Ginny as our house guests, as planned.

All the best to you. Hope you can get the Ehrenburg articles.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: xeroxed pages from Erdtman

RFD 1 Box 146
Laconia, New Hampshire
03246

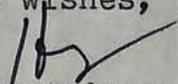
17 August 1977

Dear Al,
I have your letter of 15 August. I am ~~sendingx~~ enclosing ~~along~~ the Goeppert articles; I will be interested in your opinion. Goeppert was a tremendously productive worker and I believe a very good one. Please return them at your convenience.

Bruce called me on the phone, I should think about $1\frac{1}{2}$ weeks ago. He asked me "how I was doing" but before I could get out a $\frac{1}{2}$ sentence he was off on his Triassic angiosperms. Even after all my experience with him it was a shattering experience! He sounded like the old Bruce at his very worst. As a follow-up he sent me some reprints which do not really mean very much to me - some "interesting-if-true" restoration drawings of Primaraucaria wielandii Bock, with accompanying photos that are little more than smudges of ink as far as I can tell.

Patricia Gensel was here last week and he had recently given her the same treatment. I had hoped that Bruce would improve but it not evident now. If I shortened your life by 2 or 3 years by sending him to you I can only say that it undoubtedly lengthened my life by the same period in getting rid of him. It is really a sad business for a human being to be so self-centered and especially sad in his case in that he seems to be getting worse rather than better.

Best wishes,


Henry Andrews

XXXXX

15 August, 1977

Professor Henry N. Andrews
RFD 1, Box 146
Laconia, NH 03246

Dear Henry:

Thanks for yours of 14 July. I can't believe it has taken me so long to get around to answering it. Of course, it didn't reach here until the 21st anyway! I believe that Goeppert's work is mentioned in some of the histories of palynology, but I have never seen the description of Alnus fructifications and pollen. It would be very interesting to me to see the xerox copy you indicate you might be able to send. I would appreciate that greatly, and would also like the descriptive information that originally accompanied the illustration. If possible, I would also like the 1838 squib about the same thing, even though it is in Latin. In both cases, it would be helpful to me if you could include the title page and an indication on it of the total length of the publication so that I could also include in my notes that information. The first illustration of fossil pollen is often attributed to Ehrenburg, and, of course, the first photomicrograph of pollen ever published was by Reinsch in the 1880's.

I do hope all goes well with you and Lib and would love to see you. I don't know whether my present situation of two full-time jobs will permit a trip to New Hampshire. It would be easier for you to come here!

Bruce has taken a job with Gulf in Houston, as you probably know. It is an immense relief to have him out of here. He was very stimulating but also pretty abrasive and not easy to take, and I didn't get as much out of his being here as I really had hoped. The last couple of years he has been so taken up with some of his fairly crazy ideas about the origin of the angiosperms that I've had to stop up my ears when he began to lecture me on the subject in order to keep my temper and my

Andrews, p. 2

sanity. Nevertheless, we are still on good terms. I am trying to finish up his thesis for him--he left all sorts of things not tied up. I've never done this before a student before and never will again, I hope, but it was part of the price I had to pay to have him finally along on his way. He is supposed to have his thesis defense on 29 August, and I don't know whether we can make that or not, but he is certainly in the latter stages of getting the degree. Ginny wrote us a rather plaintive little letter from Houston, commenting that her best antique cherry drop-leaf table was ruined during the move because 500 pounds of jagged rocks were piled on top of it. She also said there was no room in their garage for their car--only rocks! You doubtless shortened my life by two or three years when you sent me that guy!

Looking forward to getting the Goeppert thing and with very best wishes to you, I am

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

RFD 1 Box 146
Laconia, New Hampshire 03246
14 July 1977

Alfred Traverse

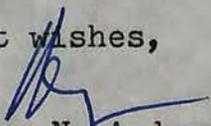
Dear Al, It seems like a long time since I have seen you;
if you ever get up this way I hope that you will call in.

I am spending about half my ~~time~~ time now
on my history of paleobotany project and enjoying it very much.
In this connection, I am presently going over the work of
H. R. Goepfert - who seemed to have accomplished a marvelous
lot in his lifetime. ~~He~~ In his LES GENRES DES PLANTES FOSSILES
(it has both French and German ~~■~~ texts) of 1841 he describes
(pages 61-4) and illustrates on plate 8 a fossil ~~■~~ Alnus ,
the interesting aspect of which (to me) is the pollen that
he extracted from the catkins. I do not recall any previous
work of this kind - he employs the pollen, in addition to the
usual morphological features, in making his identification.
I wonder if you are familiar with this - if so what is your
opinion of it? And do you know of any previous contribution
of this kind?

If you do not have this ~~handy~~ publication handy
I could send along my xerox of the pertinent part - the plate is
reproduced quite well. ~~Amesbury~~ He also gave an account of
the same thing in 1838 in a publication that I assume is a
thesis, this being in Latin. I find the French somewhat easier
to handle!

I will appreciate your thoughts about this ~~■~~ if you
have the time.

Best wishes,


Henry N. Andrews

November 12, 1975

Professor Henry N. Andrews
RFD 1
Laconia, NH 03246

Dear Henry:

Thanks for yours of 2 November. If I ever get into the vicinity of New Hampshire I wouldn't miss a chance of seeing you and Lib--I only hope Betty can be with me. Good to hear about your continuing work. Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

HENRY H. ANDREWS

R.F.D. 1, Box 146

LACONIA,

NEW HAMPSHIRE

03246 TEL. 603-524-1288



DEALER IN PRINTS
OLD AND NEW

2 November 1975

Dear Al

Thanks for the reprints. I hope that you will continue to send them although I probably will not have quite so many to respond with in the future.

We are now living here in New Hampshire - sold our house in Connecticut about 6 weeks ago,

I plan to spend a part of my time for the next couple of years or so working on my history of paleobotany. I have a small grant to go to England in January for two months, more or less, to work in the libraries in Cambridge. Otherwise I will be here and you will be welcome whenever you may be in this area.

Best wishes,

H. Andrews

2 Dec 1974

Dear Al Thanks very much
for the copies of your
"Paleopalynology" - I will
read it with interest again
myself and they will be put
to good use with the students.
Pat Laurel sends her thanks

- W. Andrew

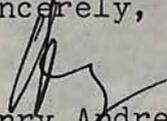
5 April 1974

Dear Al:

I presume that you have received proofs for your Palynology history from the Missouri Botanical Garden; mine came yesterday.

In reference to reprints, I would like to obtain 10 copies of your history for use in my Paleobotany class. I'd appreciate it if you will keep this in mind when you order your reprints; I will of course expect to pay for them. I might add that I think you will have a good many requests for copies!

Sincerely,



Henry Andrews

March 11, 1974

Dr. Henry N. Andrews
Biological Sciences Group
University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

Thanks for your recent letter with enclosure from Peter Raven. The only trouble with things which are so delayed, aside from the mere annoyance, is that one feels embarrassed to sound so out of date by the time the things appear.

Bruce is continuing his wildfire progress through the Triassic and Jurassic of North America. The paper which we have jointly just submitted to Geoscience & Man really is quite sufficient for a doctoral thesis, and I believe what I am going to have to do now is insist that he complete the various Mickey Mouse requirements for the degree and get on with it. He has enough material collected for about six students at the moment and more pouring in all the time.

Best wishes to you all.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

19 July 1973

RFD 1

Laconia, N.H. 03246

Dear Herb:

I have been off for a couple of weeks digging in New Brunswick and have just caught up with my mail for the past three weeks.

In answer to your letter of June 25, I have indicated my willingness to pay the extra page charges and am returning the form to Norman Eoke. I would emphasize Al Traverse' comment that it would certainly be appropriate to have the paleobotany and palynology accounts in one number if that can be arranged.

I approve a uniform "super-title" such as Twenty five years of ---, followed by the name of the particular subject.

I am certainly glad to know that this is moving ahead.

Sincerely,

Henry Andrews

Al

We had good digging in New Brunswick - found several new things.

I do hope that they will bring our two articles out together.



16 April 1973

Dear Al:

You should ignore the Pollenites reference in the 1955 edition of the Generic Index. You will note that it does not appear in the 1970 edition. Do you have a copy?

I have no recollection as to how I made the choice and since there is nothing official about the type species selections in the Index you are really not obligated to respect it or make any reference to it!

In making the 1970 edition I expect that I should have left out all microfossils. The problem that I encountered is that some of the algal groups include both microscopic and megascopic plants - and where to draw the line?

Best wishes,

Henry Andrews

P.S. In reading your letter again I noticed the penned note at the bottom - I am sending in a separate package a copy of the 1970 Generic Index.

April 10, 1973

Prof. Henry N. Andrews
Department of Biological Sciences
University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

We have recently been trying to decide what to do about the genus "*Pollenites*", which is listed in your *Geol. Surv. Bull.* 1013, p. 215. Although you apparently treat the genus as validly published by Potonié in 1931, I am having a great deal of difficulty believing it and am wondering if you could refresh your memory after all these years to help me understand why you thought it was validly published. I gather that you decided that *Pollenites iliacus* was the type species simply by its appearance first on the page, but that doesn't matter because a type wasn't required in 1931 anyway, and under the circumstances it would look as if you were the first one to designate a type. The real problem has to do with the question of generic description. There is none as such. Could one argue that the symbolic material provided for the various *Pollenites* species could, in ^{some} some, be interpreted as a generic description? Is that what you decided?

Looking forward to hearing from you because this is a matter of very considerable importance to us at the moment, I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

P.S. In case you don't have Braunkohle available to you, I enclose a xerox copy of the paper in question.

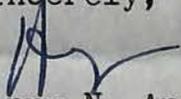
Enclosure: copy of paper

2 April 73

Dear Al:

Thanks for your letter of 23 March with your student's report on ^{the}Chaleur Bay sample. We sent our manuscript off to PALAEOLOGY a couple weeks ago - on the heterosporous Chaleuria with the tentative conclusion that it is Middle Devonian. It is of course helpful and consoling to have your age determination. Bill Forbes checked with the geologists at Fredric~~h~~ton, N.B. who are working in the north N.B. area and found that they are aware of the error in calling the place Carboniferous. However, they had no precise information on what the correct age is. I am very anxious to get back there this summer and continue digging.

Sincerely,


Henry N. Andrews

Esbeck

Fidelity Onion Skin

100% Cotton

March 23, 1973

Prof. Henry N. Andrews
Department of Biological Sciences
University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

Just thought you might like to know that during my palynological course this past term one of the undergraduates students was assigned as his "unknown" sample for the term project a piece of the stuff from Dalhousie Junction which you gave me in December. The student had no knowledge whatsoever of the age or origin of the sample, and I am just now reading his report. He found the concentration of spores to be rather sparse, but was able to plot the known stratigraphic range of the spore types which he did find and came to the conclusion that "judging from the known ranges of the spores present ~~and~~ my unknown sample I conclude that the most reasonable age assignment is that of Middle Devonian-(mid-Eifelian to mid-Givetian)." Considering that nine weeks ago this student had never seen a spore in his life, I think this is a quite remarkable achievement, especially since he is only a C-student. Some of the reports I get on these samples are almost publishable. I guess I probably told you previously that I had a letter from McGregor, by the way, which I interpreted to say that he intends to do the spore work of the northern New Brunswick area himself. We have lots of irons in the fire anyway, so I guess I probably won't do much with the Dalhousie Junction section at least for the time being.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

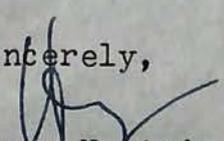
AT/vsi

22 March 1973

Dear Al:

I wonder if you would be willing to send me a Xerox copy of your "25 Years of Palynology" manuscript. Pat Gensel is taking the last two weeks of the semester to teach my Paleobotany course some palynology and she is looking for a good historical account. I assure you that the information will be used only in this way! The last I have heard from the AJB editorial office was about 6 or 8 weeks ago when I was asked for some corrections and additions to my MS so I suppose it is in the works.

Sincerely,


Henry N. Andrews

27 Feb 1973

Dear Al:

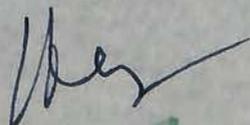
The "Dexter Mat Cutter" is made by the Russell Harrington Cutlery Co., Southbridge, Mass. I recall, however, that one of our staff members here went there to buy one and was informed that they do not sell them at the factory. You should be able to get one at an art supply store.

I looked in your envelope three times but did not see the \$14 cheque!

I think you will have to be pretty brutal about telling Bruce to keep on the track.

Pat Gensel's thesis has been accepted by *Palaeontographica* and we hope to have our study of the apparently heterosporous plant finished in a week or so. I have four undergraduates doing research projects with me this semester; it is quite a fine group and they are producing results in a big way.

Best wishes,


Andrew

February 19, 1973

Dr. Henry N. Andrews
Dept. of Biological Sciences
University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

Many thanks for the mushroom pictures which you sent "on approval" several weeks ago, I am sorry that it has taken me so long to respond about that. I have picked two of them which I would like to keep and am enclosing my check for \$14 for them. The others are being returned to you under separate cover and I hope arrive safely. Apparently they weren't insured coming this way so I guess it meets with your approval to send them back the same way. I hope I can get around to framing mine before too long, but I do seem to have precious little spare time!

By the way, I wrote a letter as soon as I got back in December to the address you gave me to get that gadget for making mats. The people never responded, and I have now lost the address which you originally gave me. I wonder if I could prevail upon your patience and good nature to give me the name of the outfit again, and this time I'll phone. It is harder to ignore a phone message than a letter!

Bruce is continuing his good work here as far as turning up new field information is concerned and also is doing a good job in his course work. I already anticipate some problem, however, in getting him through here in something like the normal time as his interests seem to be so diffuse within the area of paleontology. For example, I have already learned much more about semionotid fish of the Triassic than I ever hoped or planned to!

I wrote to McGregor regarding the Devonian material from New Brunswick, and will keep you posted on that. I expect that it will be a long time before much happens one way or another, especially since the student I had in mind has opted to take on one of my Cretaceous projects instead. I still retain a considerable interest

Dr. Henry N. Andrews

-2-

February 19, 1973

in the palynology of the Devonian, however.

Best wishes to Lib. We much enjoyed her note a month or so ago.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Enclosure: check for \$14

THE AMERICAN ASSOCIATION OF STRATIGRAPHIC PALYNOLOGISTS

PRESIDENT: Alfred Traverse
Department of Geology & Geophysics
The Pennsylvania State University
University Park, Pennsylvania 16802

SECRETARY-TREASURER: Robert T. Clarke
Mobil Research & Development Corp.
P. O. Box 900
Dallas, Texas 75221

VICE-PRESIDENT: Donald W. Engelhardt
Amoco Production Company
Security Life Insurance Bldg.
Denver, Colorado 80202

EDITOR: Richard W. Hedlund
Atlantic Richfield Company
P. O. Box 2819
Dallas, Texas 75221

30-XI-72

Dear Henry - *Andrews*

Stationery out of date but was it
had... would you see me afternoon
and/or evening of 18 Dec? If so,
would I put my sleeping bag on a cot
somewhere to save motel cost? (I'll be on
way to Hawaii to get my son) Hope this
works out.

Best wishes,

Al Traverse

COUNCILOR: George R. Fournier
Gulf Technical Services Center
P. O. Box 36506
Houston, Texas 77036

COUNCILOR: Paul S. Martin
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

COUNCILOR: David Wall
Woods Hole Oceanographic Inst.
Woods Hole, Massachusetts 02543

THE UNIVERSITY OF CONNECTICUT
THE COLLEGE OF LIBERAL ARTS AND SCIENCES

6 December 1972

Dear Al

The 18th will be a good time. Classes are ~~over~~ over for the semester and I do not have my exam until the end of the week. Also our family will not be gathering for Christmas until later in the week so you will not need the sleeping bag. I have some Devonian things that I think will interest you so it will be a real pleasure. The enclosed map may be of some use.

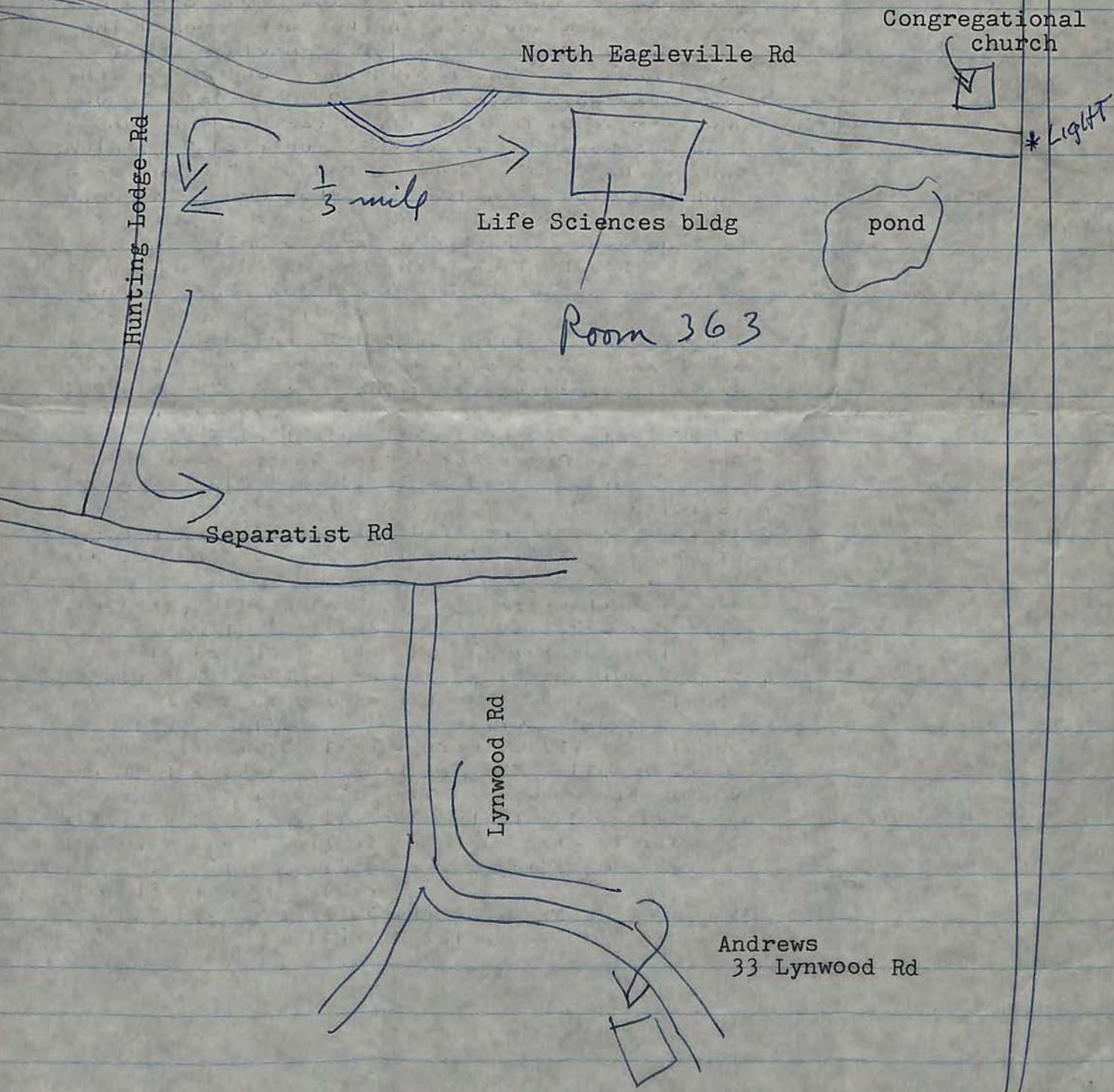
Will look forward to seeing you.

*Me too
Dib*

Henry
*plenty of goodies in box, so eat
here if you can. Home style!*

If you come in from the Hartford NY highway (Wilber Cross highway, Route 15) you will turn onto #195 to Storrs and Willimantic. As ~~you~~ you come down the long hill into Storrs (with many chicken coops off to the left) turn right (west) at the stop light on North Eagleville Rd; go about 200 yds to the Life Sciences Bldg. or continue on to our house as indicated. Our phone is 429 1944

N
195



September 15, 1972

Dr. Henry N. Andrews
Dept. of Biological Sciences
University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

Thanks for yours of 3 September. I am glad to hear that you got the MS and that the papers were delivered. The amount of time they allowed for the two presentations was obviously insufficient from the start, and I would not worry greatly about being unable to finish.

Thanks for the compliment about the paper. I presume that you explained to Herb Wagner about the replacement plate which will come along in due course. I should have it done in a few days.

Bruce Cornet is already settled in even though the new term is still more than a week away. His wife is experiencing some predictable difficulty in obtaining suitable employment here, but I am sure that will be worked out in time.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

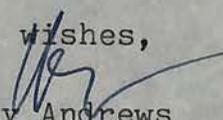
14 Sept 1972

Dear Al:

I have your letter of 6 Sept and I presume that you have received mine. I had a letter from Boke's office a few days ago which seemed a bit muddled - I could not tell for sure whether he had not seen my MS or yours. I wrote back informing him that I turned ^{both} ~~but~~ MS over to Herb Wagner on the day of the symposium, so I hope the matter is straightened out.

It has occurred to me that you might get in touch with Boke in reference to the illustrations, if any, that you want to have published. I turned over everything to Wagner - your MS and the accompanying illustrations but I don't recall that you gave any instructions about publishing the illustrations. If I hear any more I will let you know and you please do the same. I am trying to get my own illustrations together and some of them are giving me some trouble.

Best wishes,


Henry Andrews

September 6, 1972

Dr. Henry N. Andrews
Dept. of Biological Sciences
University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

Bruce Cornet and I were talking earlier this morning on my return from our vacation trip to the Gaspé, and I was worried from what he said about whether you got the MS. From your letter of 21 August I gather you probably did. I do hope it was in order. I thought later on I should have put some stars in the abstract to indicate the position at which I intended the slides to be used, but I presume that you could figure that out from the main body of the manuscript itself. I didn't realize that you thought that I might be going to Minneapolis. I was of the opinion I had made it clear that I did not intend to go. I do hope everything went along all right and will look forward to hearing about it later.

Very best wishes to you for the remaining days of the summer.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

3 Sept 1972

Dear Al:

The Symposium went quite well in general but I am afraid that I did not do a very good job. The time was too, too short. I got about half way through my own part in half the time and then went on to yours and did not finish it either! However, the thing as a whole should make a very useful publication. I turned our manuscripts over to Herb Wagner.

Best wishes,



Henry Andrews

P.S. I think that your account is really a monumental history of palynology and my guess is that you will receive many requests for reprints - so be prepared.

THE UNIVERSITY OF CONNECTICUT
THE COLLEGE OF LIBERAL ARTS AND SCIENCES

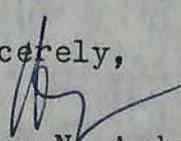
RFD 1
Laconia, N.H. 03246
21 August 1972

Dear Al

I have been worried as to the whereabouts of your manuscript, but received your card of 14 July this morning. I am in N.H. and phoned Andy Kasper in Storrs and found that the MS ~~was~~ is there. He is sending it along to me.

I expect to arrive in Minneapolis late Sunday afternoon and have been assigned to Comstock Hall. If you are there and have time will you look me up in the early evening. I think it would be helpful to go over the talks. Attached to the letter with my room assignment is a slip noting "Since we were unable to place you in an air-conditioned hall, you might wish to bring a fan." If you are sensitive about the heat you will have to bring your own fan! Will look forward to seeing you.

Sincerely,


Henry N. Andrews

August 14, 1972

Dr. Henry N. Andrews, Jr.
Department of Biological Sciences
University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

Enclosed, the manuscript and the 2x2 slides. I believe everything is self-explanatory--the "abstract" is intended to serve as the m.s. for you to read. The 2x2 slides = the figures from the main ms. (except for figure 3, of which a slide was inadvertently not made). Figure 1 is not the plate I will eventually prepare for publication, as explained in the caption.

I hope all is in satisfactory order and that you will keep me informed re publication problems--this was a heck of a lot of work, and I want to get it out!

Good luck with the lectures and best wishes.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
Enclosures: MS & 2x2 slides

RFD 1
Laconia NH
03246
24 July 72

Dear Al

Got back yesterday from 2 weeks of digging in Gays, New Brunswick and Maine - Lower and probably Middle Devonian. Had great luck - found several new plants and beautifully preserved.

I will look forward to

receiving your MS. I learned shortly before I left on my field trip that the symposium is 25 years of Bot. rather than 20 years. I can't do anything much about this now - and

I will have to ask the editor for
a little time in Sept. to get
illustrations together.

Best wishes

Henry

Andrews

20 June 72

Dear Al

The attached is a "semi-proof" manuscript and I have not proof read it since doing the typing. I have a page to add on some Mesozoic things. It will give you an idea of what I plan to say - obviously it must be boiled down very much for the talk! When you have your part done I will be glad to see it. Should we try to integrate the two or keep them more or less separate? Since time is short and we can't get together I should

think it would be best to keep them
separate.

I plan to be in the field from
July 10 to about July 25. Otherwise
I will be at my N.H. address:

RFD # 1

Laconia

New Hampshire

03246

Sincerely

Wey Andrews

H. Andrews

27 April 1972

Dear Al:

As time permits I am gathering data for our "20 Years of Paleobotany" - I must say that I am learning something.

I have been trying to decide on how to be selective and I am rather strongly of the opinion at this stage that, since we cannot include everything, it would be most useful to our audience if we deal rather fully with a few of the most outstanding developments rather than try to more or less just list a great many things. As an example of the latter, Chester Arnold did a review in (1868) for Earth-Sci. Rev 4:283-309, which is a useful summary for a specialist but I think not for teachers who have rather little knowledge of paleobotany-palynology. I am also preparing my talk with the thought there will probably be more space for the published account than there will be for the spoken one at the meeting. No hurry - but let me have your thoughts on this sometime.

Sincerely,

Henry
Andrews

18 April 72

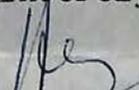
Dear Al

I will take the liberty to send along thoughts on our "20 Years of botany" talk as they come to me.

In dealing with the megafossils I am planning to do it "stratigraphically", starting with Barghoorns pre-Cambrian plants and working on up.

I thought it might be useful to begin with a brief mention of the more important sources of information and in this connection I ~~mk~~ thought I would have slides made of a cover of: the *Traite de Paleobotanique*, the *World Report on Paleobot.*, and a cover of the *American Report*. In this connection if there are other such sources for palynology, lets include them too.

Sincerely,



Henry Andrews

14 April 1972

Dear Herb:

I have your letter of April ,
In listing the botanical items on
the symposium I wonder if it would be appropriate
to indicate: PALEOBOTANY AND PALYNOLOGY or
perhaps PALEOBOTANY (INCLUDING PALYNOLOGY).

Also, I am assuming, I hope correctly,
that our coverage of 20 years of botany should be
world-wide, and ~~not~~ just confined to the U.S.A.
I will assume that I am correct unless I hear from
you to the contrary.

I am sending a copy of your letter
to Al Traverse.

Sincerely,

Henry N. Andrews

P.S. I will check with Al concerning manuscript
length, but I should think 15 to 20 pages in total.

THE UNIVERSITY OF MICHIGAN
DEPARTMENT OF BOTANY
ANN ARBOR, MICHIGAN 48104

AREA CODE 313
764-1440

April 11, 1972

Dr. Henry N. Andrews
Department of Biological Sciences
U43, University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

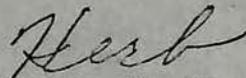
The program for the Botanical Society of America/A.I.B.S., Symposium "Twenty Years of Botany" is nearly completed. It will be held on Monday -- morning and afternoon -- August 28 at the University of Minnesota. I am delighted that you will be one of our speakers. You will present the subject of "Paleobotany."

Our goals are (a) to recognize close association of botany with A.I.B.S. and other fields of Biology. (b) to present historical summary of some of the major progress or high spots in the field you are speaking on during the past 20 years. Where were we in 1951? Where now? Where in 1991? The talks should last about 25-30 minutes. Also (c) we would like to publish the symposium in a special issue of AMERICAN JOURNAL OF BOTANY. The papers should make available to botany and biology teachers clear-cut assessments of progress which they can use as references, to help modify their courses, and improve their lectures. The pitch should be therefore generalist rather than specialist, I would think.

The topics we have lined up now are as follows: Mycology, Phycology, Pteridology, Bryology, Lichenology (morning). Plant Physiology, plant ecology, plant systematics, paleobotany, history of botany (afternoon). The program will be sponsored by all the sections of the Botanical Society of America, and probably the related adherent societies. I shall be writing you in more detail later. If you have any ideas or suggestions to improve our symposium, let me know? How long do you think our typewritten, double-spaced papers should be -- roughly? There will be blackboard, projector -- the usual things, of course, but if you want something special let us know.

With all best regards,

Sincerely,



Warren H. Wagner, Jr.
Vice-President
Botanical Society of America

WW/ss

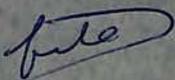
13 April 1972

Professor Warren H. Wagner, Jr.
Botany Department
University of Michigan
Ann Arbor, Michigan 48104

Dear Herb:

Thanks for your letter of April 7. In response to one of your suggestions as to how palynology should be handled, I have asked Al Traverse to collaborate with me and he has agreed. He will deal with the spores and pollen and I will take the mega-fossils. I think he is about the most appropriate one to do this in view of his present interests, good research, and command of the history of palynology for the past two decades.

Sincerely,


Henry H. Andrews, Professor
Systematic and Evolutionary Biology

HNA/ehd

cc: T. Taylor
J. W. Schopf

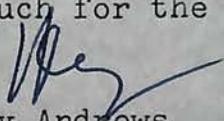
13 April 1972

Dear Al:

I am very pleased that you are willing to go in with me on the TWENTY YEARS OF BOTANY symposium, and I am enclosing copies of all the correspondence to date.

Taylor and Bill Schopf are on some kind of sub-committees and did not seem to know that the other had contacted me. The tentative program was sent to me by Taylor. I have circled Herb Wagner's comment (his letter of Apr 7) that caused me to call you and I am writing to him indicating that we will do the job together.

So much for the moment,


Henry Andrews

P.S. The only thing that is missing is a copy of a note that I wrote to Herb Wagner to find out whether the symposium is definite; as you see he responded in the affirmative.

January 26, 1972

Prof. Henry N. Andrews
The Biological Sciences Group
University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

Thanks for yours of 11 January and the letter which you sent me regarding Bruce Cornet. In the meantime, I have also heard from Bruce and received some samples from him, along with some stunning pictures of Triassic fish. It is obvious that he is a very high-powered candidate for a doctor's degree, and I almost wonder if I don't have more to learn from him than ~~him~~ from me! In any case, I do hope ~~you~~ you will come and give us a look-see.

Thanks again for your interest in the matter and still looking forward to seeing you one of these days. I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

The
University
of
Connecticut

203-429-3311
X1415

STORRS, CONNECTICUT 06268

THE COLLEGE OF
LIBERAL ARTS AND SCIENCES
The Biological Sciences Group

January 11, 1972

Dr. Alfred Traverse
Professor of Geology and Biology
Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

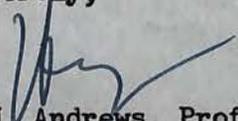
I have your letter of January 3 and as soon as it arrived I urged Bruce Cornet to contact you and arrange for a visit to your lab.

Bruce has actually applied at Cornell and Yale but in view of your present interests I am inclined to believe that Penn State would probably be the best place; in any event I think it would be quite worthwhile for Bruce to meet you.

I am sending along the enclosed letter for the record - which you will probably need anyway. It is a little on the formal side since I sent the same one to Harlan Banks and have used copies for the Graduate School requirements. It is certainly time-consuming to prepare such letters and I tried to do my best in Bruce's case.

I do hope that you will stop in here on one of your trips to Cambridge. I think you would find our Devonian plants of interest, especially the things we are finding in Maine.

Sincerely,


H. N. Andrews, Professor
Systematic and Evolutionary Biology
/ar

The
University
of
Connecticut

STORRS, CONNECTICUT 06268

THE COLLEGE OF
LIBERAL ARTS AND SCIENCES
The Biological Sciences Group

January 7, 1972

Prof. Alfred Traverse
Deike Building
Pennsylvania State University
University Park, Pennsylvania

Dear Professor Traverse:

I am writing this letter as a supplement to the information that I have recorded on Bruce Cornet's formal application to your Graduate School. He is a unique student, not without his faults, with some very strong points in his favor and I take the liberty to write at somewhat more than the usual length - I find him more difficult to describe than most of my students but I would like to make the picture as clear as possible.

Bruce transferred here as an undergraduate and I came to know him quite well during his last undergraduate year, when he took my Plant Anatomy and Paleobotany courses. He is now in his second year of graduate study and will complete the requirements for the Masters degree in June. I told him when he started graduate study with me that he must go else where if he continued on for the doctorate. I feel very strongly, as a matter of general principle, that a student should never earn three degrees at one university. As far as his general ability and potential as a scholar is concerned there would be no question about allowing his to continue here.

Bruce is one of the most enthusiastic and independent students that I have ever known. He has done a tremendous amount of field work in Connecticut and in other parts of the country. Two years ago he located what I believe is by far the finest deposit of Triassic fish that has ever been found in the Connecticut valley; this attracted the attention of fossil fish specialists at the American Museum and the last I heard some efforts were being made to establish the locality as a state preserve. His field work has reminded me of a classic remark that was once made about the great German botanist H. Graf zu Solms-Lauback - "If you can get him out of the field he will make a superb scientist."

As a thesis project Bruce is studying a remarkable collection of Rhacophyton specimens that were collected, largely by himself, in West Virginia. This is an extension of the study made by Tim Phillips and myself several years ago. (The chief objective in continuing this investigation was to determine whether the West Virginia Rhacophyton is dimorphic or whether there are actually

Professor Alfred Traverse

January 7, 1972

Page -2-

two species present). Bruce realized the need for larger and more complete specimens, went to the locality (partly aided by Dr. A. Kasper) with this objective in mind and did just what he started out to do. He came back with a truly fabulous collection. He has extracted a tremendous amount of new information from this collection and it will certainly make a distinct contribution to Devonian paleobotany. He recently spent several days in Washington consulting with Dr. Heuber and studying our original Rhacophyton collections that are stored there. On the basis of this work I can say that he is a hard and clever worker, he knows the pertinent techniques and readily adapts them to the needs of the material at hand. I am confident that he will become a productive scientist and quite possibly a highly productive one.

As to his course work record, I would class him as actually a high "B" student. He does need some additional course work in botany and I would predict that he would earn B or A grades at most of the better universities.

During the past semester Bruce has served as a laboratory teaching assistant in my Plant Anatomy course. He has done a very competent and conscientious job, has shown a sincere interest in the students, and I believe has been well received by them.

My chief problem with Bruce has been to keep his interests confined to the job at hand. His interests are diverse and he has a hard time confining himself to one project at a time and he has a strong tendency to develop rather elaborate theories on the basis of too little evidence. He has matured considerably during the past year and half and the theorizing tendency has, I believe come under control! He has actually done quite a bit of work with Triassic microfossils and on a recent trip south he made some extensive Cretaceous collections. His excursions into these various fields of endeavour are by no means superficial, which speaks in his favor as a scholar but does add to the difficulty of keeping him reasonably confined to one project. I mention this in some detail because I am sure that he has much ability and potential but a prospective advisor will have to exercise a little more than the usual supervision to control his varied activities.

As the above description will perhaps indicate, Bruce is a highly independent student; for the most part I believe this is positive; he does take advice readily and thoughtfully from me but I have noticed that he has not learned to accept the advice of his fellow graduate students which in some cases could help him considerably.

Professor Alfred Traverse

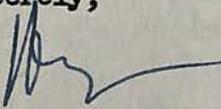
January 7, 1972

Page -3-

In summary I recommend Bruce Cornet as a superior student with an unusual fund of knowledge for a young man of his age. I am sure that he is capable of doing a good job at the doctoral level and I am confident that he will produce research results of the highest quality.

He may require a little more guidance than usual, as noted, but I believe the effort on the part of his major advisor will be worth while.

Sincerely,



H. N. Andrews, Professor
Systematic and Evolutionary Biology
/ar

100% COTTON

January 3, 1972

Prof. Henry N. Andrews
Biological Sciences Group
University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

Thank you so much for your letter of 22 November. I am embarrassed that it has taken me so long to answer it--end of the term woes (I suppose you may know that we are on the four term a year thing and finish one of the terms just before Christmas). In the interim I have also received a letter from Bruce Cornet himself and a very interesting letter too. I have answered in some detail, strongly suggesting that he might want to do graduate work with me and recommending that he come to State College and have a look for himself. I do hope he will do that and that he will decide he wants to hang his hat here for a while. I quite agree with you that nobody should get all degrees in one university, though I admit that I did it. Penn State is a good place, and a Ph.D. from this institution would certainly not subtract from Mr. Cornet's luster.

Man, what an impressive title you have! Suits you to a tee also. It would be good to see you again one of these years, and I strongly resolve to see that it happens before we both get too feeble. I do occasionally pass fairly near Storrs when I am on my way up to Harvard to deliver or pick up my son who is an undergraduate there. I never seem to have any spare hours on those trips, but I suppose it could be arranged. In the meantime, I am hoping that perhaps you will be on route to Chicago or something and could stop here. Best wishes to you and yours for the holiday season and for a prosperous 1972.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

The
University
of
Connecticut

STORRS, CONNECTICUT 06268

THE COLLEGE OF
LIBERAL ARTS AND SCIENCES
The Biological Sciences Group

November 22, 1971

Dr. Alfred Traverse
Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

Good to hear from you.

The young man that you refer to is Bruce Cornet who is working with me here and is now in his second year of graduate study - he will be completing his Master's work in June, 1972. As a Masters thesis he is working on a large collection of Rhacophyton from West Virginia and finding out lots that Tom Phillips and I missed in our earlier study. At this stage I do not know for sure whether the material that Bruce has is a different species or whether the plant had some dimorphic characters; I think it is going to be a very informative piece of work.

Bruce is a very vigorous field worker and has done a lot of exploring around Connecticut. He is also a lad of many interests and I have had to curb him a bit to keep him from getting involved in too many things. He has collected a good deal in the Connecticut Triassic and a couple of years ago he located a very spectacular fish locality. Actually he got going so strong on the Triassic spores that I told him to leave them alone until he completed his Rhacophyton project. At the moment he is in Washington studying some collections but will be back next week - I will ask him to write to you.

Your letter arrives at an interesting time with reference to Bruce Cornet's future so I take the liberty to offer a few more lines. He received his B.S. degree here and when I agreed to take him as a graduate student I told him that he must go elsewhere if he continued on for the doctorate. It has always been my feeling that no university is good enough for three degrees!

Dr. Traverse
November 22, 1971
Page -2-

He is a bright fellow and a hard worker and I would keep him on if I did not feel that he should get some experience elsewhere. He is also very much interested in the Triassic and in palynology; I cannot help him in this area and it does not seem likely that we will get a replacement for Ken Segroves, who left last year.

I don't know why I didn't think of you and your work before - I'm not sure that I knew of your Triassic interests -, please excuse me. Would you like to consider Bruce as a candidate for graduate study? If so, I will suggest that he contact you and I will be glad to write in a little more detail.

Sincerely,



Henry N. Andrews, Professor
Systematic and Evolutionary Biology
/ar

November 18, 1971

Prof. Henry N. Andrews
Department of Biological Sciences
University of Connecticut
Storres, Connecticut 06268

Dear Henry:

At a recent meeting (I can't remember whether it was the AASP in Tucson, Arizona, or the GSA meeting in Washington) somebody told me about a person I believe to be working under your direction on Triassic plant fossils in the Connecticut valley. As you may know, I have a research project going on Triassic spores and pollen from the south central part of the country, and naturally it would be of interest to me to hear something about what your people are doing. According to my almost illegible note about this, the person's name is Cornett. I hope that this is sufficient information to illicit some interesting comments.

It sure has been a long time since I have seen you. If you ever are driving west through this area or near it I would much appreciate your taking a couple of hours or as long as you can afford to visit with me.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vs1

October 20, 1970

Professor Henry N. Andrews
Biological Sciences Group
College of Liberal Arts & Sciences
The University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

Yours of 14 October was appropriately waiting for me on my return from the recent Third Annual Convention of the AASP in Toronto. There were a 110 registrants(!)--a possibility which would never have occurred to me when we organized this Association less than three years ago. Ken Segroves was not there, I suppose because he had too recently joined Pan American, and there were several other people with more claim to be their representative. His supervisor, Charlie Upshaw, had told me about his moving over to an industrial position. Ken had asked my advice, and I believe I advised against it unless he was in dire need of shoring up his financial position. On the other hand, if he only stays a couple of years, it will have been very valuable experience.

I do not have a student who could be a candidate for your position in the immediate future. I do have one very capable man who would probably fill you bill, but he will not be getting his degree for at least a year.

At the meeting I heard about plenty of people who were looking for jobs. By far the most capable was Charlie Felix, whom you know well. I don't see how you could get him at less than associate professorial rank, however. I did not have the impression that his need is pressing at the moment, but it looks as if Sun is going to restrict its paleontological efforts in the near future. The other people who are most actively looking are geologically oriented, though they might claim otherwise.

Professor Henry N. Andrews
October 20, 1970
Page 2

Jim Canright, at Arizona State University in Tempe, has a couple of students who are very near the end of the road, and they will have been excellently trained and should be considered. I presume you have written to Jim already. If you have not, I would suggest that you do so. Also to John Hall, Aureal Cross, and Art Cradland.

When you get your list narrowed down to some candidates, I would be most happy to express an opinion if it should happen that I know the person. Having been secretary-treasurer of the AASP since its conception (I am now President-elect), I seem to have encountered most of the Palynologists at one time or another.

Very best wishes to you as always.

Yours very truly,

Alfred Traverse
Professor of Geology and Biology

AT/vsi

The
University
of
Connecticut

STORRS, CONNECTICUT 06268

THE COLLEGE OF
LIBERAL ARTS AND SCIENCES
The Biological Sciences Group

14 October 1970

Dr. Alfred Traverse
Department Geology-Geophysics
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

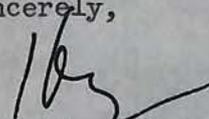
For the past three years we have had a palynologist on the staff here, Dr. Kenneth Segroves, and I have found it to be a great aid in my own work and in training our graduate students. I regret to say that Ken Segroves left last summer to take a position with an oil company in Tulsa.

We will consider replacing Segroves with another palynologist, if we can find the right person. He must be one with a strong botanical background. The position will be at the Assistant Professor level.

If you have a student-candidate or know of one who might be interested, will you please bring this to his attention. The usual vitae materials should be sent to our Section Head, Dr. James A. Slater at this address.

We have not advertised the position as yet and at the moment I am sending this note to a few colleagues who I think might be best informed concerning a palynologist in a biology department that is systematic and evolutionary in its orientation.

Sincerely,



Henry N. Andrews, Professor
Systematic & Evolutionary Biology

HNA:an

December 8, 1969

Prof. Henry N. Andrews
Biological Sciences Dept.
University of Connecticut
Storres, Connecticut 06268

Dear Henry:

I was interested in your note about Andy Kasper. This does not seem to be a particularly auspicious time to be job hunting-- at least, I have that impression from our campaign to find a suitable position for my student, Douglas J. Nichols, who is finishing in January with his Ph.d. work. We have not really uncovered anything suitable as yet. In other words, I will definitely keep Kasper in mind and would appreciate it if you hear of a job for a person whose orientation is more on the palynological side you would think of us.

The AASP convention here last month was, thank God, at least a moderate success, and I can now move on to the next crisis!

May I take this opportunity of wishing you and your family seasons greetings and the best of everything for 1970.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:vsi

THE UNIVERSITY OF CONNECTICUT
THE COLLEGE OF LIBERAL ARTS AND SCIENCES

December 2, 1969

Alfred Traverse

Dear Al:

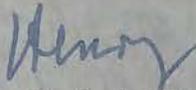
I take the liberty to send a few of my colleagues the attached brief notation concerning Andy Kasper who will complete his graduate studies here in June. I believe he is an especially fine young man and I am anxious to see him in a position where he may use his talents to the best advantage.

Andy has a splendid background in philosophy and the classics which he acquired at Duquesne; in his five years here he has taken considerable course work in botany and geology and is qualified to teach in several areas. He has a fine command of the English language, a strong interest in teaching and quite clearly is a productive scholar; he is also one of the most vigorous and pleasant field companions that I have ever worked with.

He has completed all of the requirements for the Ph.D. degree except the thesis and this is in an advanced stage; it deals with some of the more interesting plants in the early Devonian flora of Maine that we have been studying for the past four years.

If, in the coming months, you learn of a position for which he would qualify (Sept. 1970) we will appreciate hearing from you.

Sincerely,


Henry N. Andrews, Professor and Head
Systematics and Environmental Biology
Biological Sciences

HNA/ehd

Enc.

STORRS, CONNECTICUT 06268

Hunt Institute for Botanical Documentation

ANDREW E. KASPER, JR.

FIELD OF INTEREST, INCLUDING RESEARCH AND DISSERTATION

Plant morphology, taxonomy and paleobotany.

Research has been concerned with Devonian age plants as indicated under "Publications". Field work in connection with research has been carried on in Maine, Gaspé (Canada), Newfoundland and West Virginia. Title of Ph.D. thesis: "Lower Devonian plants from the Trout Valley Formation, Maine".

PERSONAL

Born October 29, 1942, Bridgeport, Connecticut
Married 1967, no children

EDUCATION

B.A. Duquesne University, Pittsburgh, Pa., 1965
M.S. University of Connecticut, 1968
Expected date of completion of Ph.D. - June, 1970, University of Connecticut

TEACHING EXPERIENCE AND COURSES QUALIFIED TO TEACH

Research Assistant from 1966 to present.
Laboratory Teaching Assistant, 1968, Introductory Botany.
General Botany, Morphology, Anatomy, Taxonomy, Microtechnique, Paleobotany and Introductory Geology.

PUBLICATIONS

- Andrews, H. N., A. E. Kasper and E. Mencher. 1968. Psilophyton forbesii, a new Devonian plant from northern Maine. Bull. Torrey Bot. Club. 95(1): 1-11.
- Andrews, H. N., F. M. Hueber and A. E. Kasper. 1968. The Long Range Mountains of Newfoundland. Appalachia. December. p. 288-299.
- Gensel, P. G., A. E. Kasper and H. N. Andrews. 1969. Kaulangiophyton, a new genus of plants from the Devonian of Maine. Bull. Torrey Bot. Club. 95(3): 265-276.
- H. N. Andrews and A. E. Kasper. Plant fossils of the Trout Valley Formation. (invitation paper submitted to Dept. of Economic Development, Augusta, Maine for Contribution to the Geology of Maine, Nov. 1969).

REFERENCES

- Dr. Henry N. Andrews
Biological Sciences, U-43
The University of Connecticut
Storrs, Connecticut 06268
- Dr. Francis M. Hueber
U. S. National Museum
Division of Paleobotany
Washington, D. C. 20560

October 1, 1969

Prof. Henry N. Andrews
Department of Biological Sciences
University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

Thank you very much for the reprints of the papers on "Canipa...." and on "Kaulangiophyton...." It is frustrating that the Canipa material cannot be located with more precision although I suppose there is little likelihood that one could find more of it anyway. The fructification is certainly one of the more interesting ones I have read about. It is good to have the paper by Gensel, Kasper and yourself because it makes the things which you talked about at Seattle referable to a printed form to which I can make reference and direct students.

It was certainly good to renew acquaintance with you in Seattle--I only regret that there was not more time for informal discussion. I don't know about you, but I always feel somewhat inhibited by the masses of people at affairs like that.

Thanks again for keeping me abreast of your activities.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:kc

THE UNIVERSITY OF CONNECTICUT
THE COLLEGE OF LIBERAL ARTS AND SCIENCES

March 12, 1969

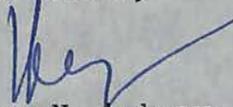
Dr. Alfred Traverse
Department of Geology
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

Good to hear from you; I will certainly keep you and
your program in mind.

I am also glad to note that we now have a palynologist
here - Kenneth Segroves, who did his Ph.D. work with Balme
in Western Australia. Segroves came here a year ago last
September and I believe is off to a very good start.

Best wishes,



Henry N. Andrews
Head
Systematic & Environmental Biology
Biological Sciences

HNA/rml

March 7, 1969

Dr. Henry N. Andrews, Jr.
Department of Botany
University of Connecticut
Storrs, Connecticut 06268

Dear Henry:

It is perhaps superfluous to be one's own PR man, but in an effort to leave no stones unturned, I thought it wise to state modestly that graduate students in palynology are being trained here under my direction, and that we would therefore appreciate being grafted into the grapevine along which information about various job opportunities is said to travel.

Also, I would appreciate it if you would consider advising prospective graduate students in palynology who want to sample education elsewhere to keep the possibility of Penn State in mind. We have laboratory and library facilities as good as any, located in the new Deike Building (College of Earth & Mineral Sciences). The personnel and library of the Catalog of Fossil Spores and Pollen and our "palynological data project", as well as the various research projects, make ours a stimulating place palynologically. We now have three full-time professional palynologists (H.T. Ames, R.B. Sanders, A. Traverse), as well as a paleobotanist with a strong collateral interest in palynology (W. Spackman). Spackman and I now both have joint appointments in biology and geology, so graduate students can organize work here toward degrees in palynology-paleobotany in either biology or geology. In terms of flexibility of requirements, this is a very desirable arrangement. For example, a botanically oriented palynologist can now enroll in biology at Penn State and does not need to satisfy the various local requirements for a degree in geology. Yet such a student has available to him at Penn State first class instruction, facilities and contacts in all those areas of geology which may be pertinent to his work and interests.

Please keep us in mind.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
Editor
Catalog of Fossil Spores and Pollen

TO ALL NORTH AMERICAN PALEOBOTANISTS

This is the annual request for paleobotanical information that will be used for the WORLD REPORT and the BIBLIOGRAPHY OF AMERICAN PALEOBOTANY.

The World Report is sent to members of the International Organization of Paleobotany; members of the IOP must be members of the International Association for Plant Taxonomy and they receive TAXON as well as the World Report. Dues are \$6.00 per year and may be sent to Dr. Richard S. Cowan, Museum of Natural History, Smithsonian Institution, Washington, D. C., 20242.

The most recent issue of the World Report is No. VI which appeared in 1966.

The Bibliography of American Paleobotany is sent to members of the Botanical Society of America, Paleobotanical Section. Persons who are not members of the BSA may obtain the Bibliography for one dollar. Inquiries should be addressed to: Dr. Donald Eggert, University of Iowa, Botany Dept., Iowa City, Iowa, 52240.

The 1966 Bibliography has been compiled and is awaiting distribution.

Your Report

Information in the following categories is requested:

1. Full citations of all publications, dealing with fossil plants, that have appeared since December 1, 1966. These may be included where they have been accepted and duly filed. At the end of each citation list any new genera that you have described.
2. Full citations of botanical publications by members of the Paleobotanical Section of the BSA whether or not they deal directly with fossil plants.
3. Any appropriate personal activities that are of general interest. This information will be included under the "Personalia" section of the BIBLIOGRAPHY OF AMERICAN PALEOBOTANY.
4. Work in press and in progress.

Please return the enclosed form whether or not you have anything to report. If you know of any persons whose names should be added, including graduate students, please indicate so. It is our intent that this notice should reach all who are actively involved in paleobotanical studies.

The deadline date for receipt of Your Report is January 10, 1968

for American Report:

Arthur D. Watt
U. S. Geological Survey
U. S. National Museum, W-304
Washington, D. C., 20242

for World Report:

Henry N. Andrews
Life Sciences, U-43
University of Connecticut
Storrs, Connecticut 06268

file

December, 1967

PLEASE RETURN THIS whether or not you have publications or other data to report.

PLEASE TYPE

Name Alfred Traverse

Address in full Department of Geology & Geophysics, Pennsylvania State University, University Park, Pa. 16802

Supply information as requested on the attached sheet. Use the enclosed envelope. Information will be selected for the World Report by H. N. Andrews and the sheet then forwarded to A. D. Watt for the American Report. The deadline for receipt of this sheet is January 10, 1968.

Please check mailing list and send in names of persons who have been omitted. Thanks.

Alfred Traverse:

Morphologic Encyclopedia of Palynology, by Gerhard O. W. Kremp (review), Economic Botany 20 (1966)4:468.

Alfred Traverse and Robert N. Ginsburg; Palynology of the Surface Sediments of Great Bahama Bank, as Related to Water Movement and Sedimentation, Marine Geology 4 (1966) 417-459.

James F. Quinlan and Alfred Traverse: Humic Acid and Humate Deposits in Salts Cave and Mammoth Cave, Kentucky: A Preliminary Report, The National Speleological Society Bulletin 29 (1967)3:8-9.

Alfred Traverse and Robert N. Ginsburg: Pollen and Associated Microfossils in the Marine Surface Sediments of the Great Bahama Bank, Review of Palaeobotany and Palynology 3(1967) 243-254.

IN PRESS:

Alfred Traverse and Roger W. Kolvoord: Utah Jet--A Vitrinite with Aberrant Properties, Science 1968

Alfred Traverse: Pflanzensoziologie und Palynologie: Bericht über das internationale Symposium in Stolzenau/Weser 1962, der internationalen Vereinigung für Vegetationskunde, by R. Tuxen (Ed.) (review), Journal of Paleontology 1968

(Abstract)

Alfred Traverse: Diagenesis of Jet, Geol. Soc. Amer. Program, 1967 Annual Meetings, New Orleans, p. 224.

Alfred Traverse and Douglas J. Nichols, Palynological and Petrological Characteristics of the Commercial Lignites of Texas, (Abstract) Geol. Soc. Amer. Program, 1967 Annual Meetings, New Orleans, p. 225.

Also: G. O. W. Kremp, Alfred Traverse, and H. T. Ames (Eds.): Permian-Triassic Transition and Mesozoic Spores and Pollen, Catalog of Fossil Spores and Pollen Vol. 26, 1967, 172 pp.

A. Traverse, H. T. Ames, and G. O. W. Kremp (Eds.): Carboniferous Megaspores and Microspores, Catalog of Fossil Spores and Pollen Vol. 27, 1967, 155 pp.

12 April, 1966

Dr. Henry N. Andrews
Department of Botany
University of Connecticut
Storrs, Connecticut

Dear Henry:

Thanks very much for your good letter of 6 April. I am passing on the info re transfer techniques to the student who has been trying to use the schedule from your "Studies in Paleobotany". I suspect that if the HF were dilute enough, the technique could still be used, but even then it curls the acetate film.

I guess I haven't been communicating with my old friends enough or informatively enough--regarding my present situation and its roots in the immediate past.

It was never my intention to abandon paleobotany when I left Shell. Indeed, as Elso knows (because he visited me in the period) I bought a portable building and fitted it out as my paleobotanical headquarters. I was a consultant for Shell Oil Co. Indeed, I just yesterday turned in my final report for them and returned the microscopic and other equipment they had loaned me.

My intention was to spend parts of 2½ years studying philosophy, ethics, and theology, in order to broaden my horizons and in order to be of some service to Christianity. I was not committed to the idea of earning my living as a clergyman, though I left the door open to the possibility. Now I am sure that I would really like to do what I am doing here--professing at a university, serving the Church in collateral fashion. (I did graduate from seminary--highest honors--and I was ordained) Indeed, I am close to feeling that it would be better if there were no paid clergymen.

I have tremendously enjoyed the teaching experience here--I gather that my efforts have been appreciated by the students. A university is obviously where I belong.

I do not have room for files here--must keep them at home--so, I have no record of what I told you in the last letter, available to me at the moment. I believe I told you that I have been teaching historical geology and paleobotany. I could equally well teach paleobotany and biology, botany, or what have you.

I don't think I really understand Harold Bold's situation re me. I always thought we were on a pretty friendly basis, but I get the impression that he may not altogether approve of my current activities. He is a deeply religious person (Roman Catholic), as you may know, and I am just wondering whether he may think I am some sort of turncoat..... being an activist, I decided to call Harold at this pointhe seems as friendly as ever but not too encouraging. He says he will write Vanderbilt, where he is well connected and might be able to suggest a joint botanical-geological appointment for me. I get the impression that he does think it a little weird for a man who has been ordained to want to continue in science. (Hasn't heard of Teilhard du Chardin?)

Have tried your patience enough for just now! Best let you get on with other matters.

Best wishes, as ever. If you know of anything that I might be able to handle, let me know.

Yours as ever,

AT
Alfred Traverse

THE UNIVERSITY OF CONNECTICUT
STORRS, CONNECTICUT

6 April 1966

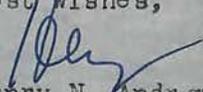
Dear Al:

As to the Cellulose acetate, I have always used Darrah's formula in making transfers and we have actually been running quite a few of them during the past few months with some Devonian fossils. I do use the Transilwrap in making peels but I have never subjected it to HF1. The only thing that I can suggest is to use the Darrah formula, which, as noted in my book, uses Parlodion. I have never had any trouble with HF1 attacking it.

It all goes to show that the organic chemists are a rum lot. When I was at Cambridge years ago they would not buy Parlodion for me but did supply me with washed movie film. Sometimes it dissolved and sometimes it did not!

As to the matter of a job, this disturbs me and I hope that I am not being too inquisitive - have you given up your religious interests? At the moment I do not know of a school that is looking for a paleobotanist but I have received a good many notices this year of job openings - far more than in any previous year. Probably Harold Bold has a considerable file of such notices. If for any reason you do not want to ask him I could send you a list of some that I have received; it is perhaps a little late but they still come in. Please let me know.

Best wishes,


Henry N. Andrews



30 March, 1966

Professor Henry N. Andrews
Department of Botany
University of Connecticut
Storrs, Connecticut

Dear Henry:

I am giving a course in "paleontology of plant materials" this term, a blending of some coal petrography, some palynology, some megafossil paleobotany. The lab sessions I have running primarily as a methods thing. The students are graduates, so I expect them to work up their own projects.

One of the students got interested in some leaf compression stuff I had around, and I got her to take a crack at transfer techniques. The problem that we have run into is that the hydrofluoric acid attacks the cellulose acetate film from which we try to remove the clay minerals. (I attach a piece of the stuff that was in acid only a few minutes. With longer treatment --say 30 min.--a rubber mass is produced.) On page 470 of your text, which we use for the course, it states that 25% HF will not attack cellulose acetate. Con HF is 52%, so we have cut it by half with water to get 26%. It was that acid that produced the result above. The acetate film is the standard Transil-wrap product that Gil Leisman uses for making peels. Comments?

While I'm at it, I might as well ask you if you know of any college that could use a good teacher (I am alleged to have done a bang-up good job of teaching historical geology and paleobotany here) who can on demand teach geology or biology, or even history of philosophy? I was on here as a visiting lecturer, and have discovered that "they" plan to make the next real appointment a geophysicist, not a paleobotanist. So sorry, and all that.

Hoping to see you one of these years, I am

Yours as ever,


Alfred Traverse

27 September 1965

Professor H. N. Andrews
Department of Botany
University of Connecticut
Stoors, Connecticut

Dear Henry:

Thank you very much for the copy of "Paleo-
botanical Studies in Arctic Canada, I Archaeopteris,
etc." Acknowledging receipt of this beautifully
illustrated paper provides me an opportunity to
tell you about my change in address. I am teaching
historical geology here at The University of
Texas, and trying to get a course in paleobotany
and research in palynology established on some
sort of a footing here. I look forward to
seeing you again one of these years. We have
a lot of ground to cover.

Very best wishes.

Yours very truly,

Al Traverse
Assistant Professor
of Geology

AT:mg



THE HENRY SHAW SCHOOL
OF BOTANY

November 15, 1960

To all persons engaged in paleobotanical work in North America:

Last year most of you were quite helpful in responding to my request for information for the WORLD REPORT ON PALEOBOTANY; please accept my sincere thanks.

For those of you who may be new on the scene may I note that the undersigned is responsible for gathering citations of all paleobotanical publications appearing in North America; this is forwarded to Dr. Boureau in Paris who edits the REPORT as a whole.

Since I shall be in India from June, 1960, to 1961 I have requested my assistant Mr. Tom L. Phillips to gather the information this year. Thus your cooperation will be especially appreciated.

Kindly fill out the enclosed sheet and return it not later than January 1, 1961. Any reports received after that date will be held until the following year. Please return the sheet with your correct name and address whether or not you have any publications to report,

Sincerely yours,

Henry N. Andrews / bld
Henry N. Andrews

HNA:bld

*note - Phillips enclosed a letter
stating that Nov. 4 is deadline!*

AS

Mar 2, 1960

Dear Al:

In general I think this is fine
and I am glad you have taken the trouble to
record it - it certainly should be published.

May I offer two comments which I
am afraid are a bit personal:

① Referring to Table 1. I do not recall
having given a paper at the 1935 St. Louis
meetings - are you sure of this?

② I object very strongly to your notation
for 1947 Chicago meetings "Low eff. of section".

Please refer to the Bot. Soc. Sept. 1948 where you
will find the published symposium "Evolution and Clamping
of Gymnosperms" which was held Dec. 30, 1947 at
Hunt Institute for Botanical Documentation.

Chicago - a joint meeting of the Paleobotanical
Section with the Soc. for the Study of Evolution.

Prof Sahni was present and gave his first
complete report on the Pantoxyleal.

I think this was one of the sections real high
lights and far from a "low ebb"!

Best wishes

Wey A.

Andrews

WASHINGTON UNIVERSITY
SAINT LOUIS 5, MISSOURI

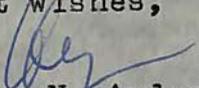
THE HENRY SHAW SCHOOL
OF BOTANY

Feb. 4, 1958

Dear Al:

Just to let you know that the feeling is mutual - it was very pleasant having you here and we will look to your return. I am very grateful for the seminar; even Woodson was interested and pleased with it and this is no small compliment.

Best wishes,


Henry N. Andrews

January 31, 1958

Professor Henry N. Andrews, Jr.
Henry Shaw School of Botany
Washington University
St. Louis, Missouri

Dear Henry:

Many thanks for your part in making my visit to St. Louis a profitable one. I certainly had a good time, and I think accomplished a good deal. I am hoping that this was the beginning of a valuable association. I expect to make the pilgrimage to St. Louis from time to time in the future.

I enjoyed meeting Mrs. Echols and Kathy Shafer, as well as Tom Phillips, and the others who came to the seminar. The academic atmosphere made me just a little wistful.

Best wishes to Libby, Holly, Hank, and Nancy.

Very truly yours,



Alfred Traverse

AT:ml

Shell Development Company
Exploration and Production Research Division

WASHINGTON



UNIVERSITY

SAINT LOUIS 5, MISSOURI

THE HENRY SHAW SCHOOL
OF BOTANY

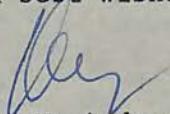
January 6, 1958

Dr. Alfred Traverse
Shell Development Company
Exploration and Production Research Division
3737 Bellaire Boulevard
Houston 25, Texas

Dear Al:

I had to delay answering your letter of December 30 a few days in order to check with Hugh Cutler, the Director of the Garden. As you will note from the enclosed letter you will be welcome at the Garden and I shall of course look forward to seeing you.

With best wishes,


Henry N. Andrews, Jr.

Would you be interested in talking to our Seminar group on some aspect of your work? We would appreciate it very much if it wouldn't put you to too much trouble. We usually meet on Thursday at 4 - a group of about 15-18 graduate students + staff.

December 30, 1957

Professor Henry N. Andrews, Jr.
Henry Shaw School of Botany
Washington University
St. Louis, Missouri

Dear Henry:

At long last, I am ready to take up my rain check for a visit in St. Louis. I hope I have not left notifying you until too late for you to make the necessary arrangements. You may remember that one of my motives in visiting the H. S. S. B. is to get polleniferous material to enlarge my reference collection of modern pollen. I am willing to provide you, the department, or the herbarium, or all three, with duplicate slides. I assure you that none of the material will be offered for sale to anybody, and I am an experienced herbarium worker and will not damage sheets for future use (the amount of material needed is, of course, very small). I would also be willing to provide the herbarium with duplicate sheets of the several hundred numbers of Texas Gulf Coast plants I have collected, mounted and had identified (by L. H. Shinnars), if they are interested. Would you refer this to the herbarium people? It seemed to me that through you was the normal approach, since the duplicate slides would perhaps be of interest to you, and besides you could explain to them what I'll be up to.

I shall also hope that we can have a little time together to chew over general paleobotanical matters. I am looking forward to getting a look at your facilities.

I would like to come for the week of 20 January, if this is agreeable with all the people concerned. If it's o.k., would you get me a pass, or whatever is needed, for the herbarium? As for other arrangements, I believe I'll have our travel department make appropriate hotel reservations, etc.

Looking forward to seeing you and wishing you a bountiful 1958,
I am,

Yours very truly,

AT
Alfred Traverse

AT/mg

Shell Development Company
Exploration and Production Research Division

August 7, 1957

Professor Henry W. Andrews, Jr.
Henry Shaw School of Botany
Washington University
St. Louis, Missouri

Dear Henry:

Thanks for the suggestions. Spackman called the other day on another matter and told me about the paleobotanical convention in Ithaca, but not about the results of the discussion.

I think the bibliography is a good idea, and someone ought to take on the job. As with most jobs that someone ought to do, I contemplate proliferation of excuses. I hope I am wrong, and I may be.

Will look forward to seeing you during the coming year, if it is at all possible.

Very truly yours,


Alfred Traverse, Secretary
Paleobotanical Section, B.S.A.

AT:ml

Cornell U.
Aug 1/57

Dear Al:

Have been here at Cornell
participating in an NSF Botany Institute
for the last two weeks. Last night Bill
Speckman came in to give a lecture and
Banks, Speckman and I talked over the
matter of a chairman for the committee to handle
the bibliography - concerning which you called
me on the phone.

We came up with the
following names as good possibilities:

Scott (+ Leopold? A.T.)
+ Hamay
Murray
Lévant
Sclerogyn

Best with

HOU OFC 3-25-57 355P

PROF. HENRY ANDREWS, JR.

DEAN HENRY SHAW SCHOOL OF BOTANY

WASHINGTON UNIVERSITY

ST. LOUIS, MISSOURI

ILLNESS IN FAMILY WILL PREVENT ME FROM ATTENDING AAPG IN ST. LOUIS
AND MY VISIT WITH YOU MUST BE POSTPONED. I HOPE THAT WE CAN GET TOGETHER
IN ST. LOUIS SOME TIME IN THE FUTURE.

ALFRED TRAVERSE SHELL DEVELOPMENT CO., HOUSTON, TEXAS

Hunt Institute for Botanical Documentation

WASHINGTON UNIVERSITY
SAINT LOUIS

THE HENRY SHAW SCHOOL
OF BOTANY

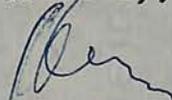
Feb. 12, 1957

Dear Al:

You are quite right; you may keep
both the manuscript proper and the bibliography.

I'll look forward to seeing you about
March 28 and having you stay with me for a few
days.

Sincerely,



Henry N. Andrews

February 11, 1957

Professor Henry N. Andrews
Henry Shaw School of Botany
Washington University
St. Louis, Missouri

Dear Henry:

Many thanks for the manuscript of your interesting paper. This subject became of special interest to me because of a query from my supervisor about how far down in the column one might expect to find spores with preservable exine. I deduce from your letter that I may keep the manuscript, though your letter specifically refers only to the bibliography. If I am wrong, let me know.

The Aldanophyton paper I am having photostated and will return to you as soon as it comes back from our reproduction department.

I have a reservation for the Claridge Hotel for March 28 - April 4. For the days that I shall want to be at the A.A.P.G. meetings, I had better plan to be downtown. That would be April 1-4. However, for the preliminary days that I had hoped to use in looking at the paleobotanical collections and in getting acquainted at the Herbarium I should be delighted to stay with you. It's too far in advance just now to give a specific date, but it should be about March 28.

Best wishes.

Yours very truly,


Alfred Traverse

AT:rlg

Shell Development Company
Exploration and Production Research Division

January 10, 1957

Dr. Henry N. Andrews
Henry Shaw School of Botany
Washington University
St. Louis, Missouri

Dear Henry:

At some meeting somewhere I remember you saying something about records of land plants of Cambrian age. I am aware of the somewhat dubious Indian spores. Could you fill me in on what other Cambrian land plants have been reported, with literature references, if possible?

A.A.P.C. meetings this year are in St. Louis, and I plan to be in attendance. I'd like to spend a couple of days at least, visiting you and the Botany School, either immediately before or after the meetings. Is this feasible?

Best wishes as ever,

Yours very truly,



Alfred Traverse

AT:rlg

Shell Development Company
Exploration and Production Research Division

WASHINGTON UNIVERSITY
SAINT LOUIS

THE HENRY SHAW SCHOOL
OF BOTANY

January 7, 1957

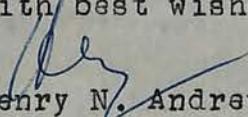
Dear Al:

In answer to your letter of the 10th: you may find part of what you want in the enclosed manuscript -see pages 4 and 5. This is the paper I gave at Storrs - or rather a revised edition that, along with the others, will be published in the Bot. Soc.'s Golden Jubilee volume. The enclosed MS does not have a bibliography but I will have my secretary type off a copy and send it along in a few days. You may keep this.

I am also enclosing a copy of the Aldanophyton paper and a translation that Harlan Banks supplied me. I will appreciate it if you will return this to me at your early convenience.

With reference to your visit to St. Louis, of course I would be delighted to have you. I expect to be in St. Louis from now until the end of May with the exception of the period of April 12-21 which is our spring vacation and I may go off collecting for part of that week. If you wish and it is convenient for you we would be glad to have you stay with us at our home - it is, however, quite away from downtown St. Louis!

With best wishes,


Henry N. Andrews

WASHINGTON UNIVERSITY
SAINT LOUIS



THE HENRY SHAW SCHOOL
OF BOTANY

A1:

Enclosed is the bibliography that goes with the manuscript "The earliest vascular plants and intermediates between them and algae" which I sent a few days ago.

A handwritten signature in blue ink, appearing to read 'W. G. Anderson'.

May 11, 1956

Professor Henry N. Andrews
The Henry Shaw School of Botany
Washington University of Saint Louis
St. Louis, Missouri

Dear Henry:

Thanks for the dope on the Fossilium Catalogus. I shall write to Junk for further information on price and the like. It sounds rather prohibitive from the correspondence.

With best wishes.

Yours very truly,



Alfred Traverse

AFT:rlw

Shell Development Company
Exploration and Production Research Division

WASHINGTON UNIVERSITY
SAINT LOUIS

THE HENRY SHAW SCHOOL
OF BOTANY

May 7, 1956

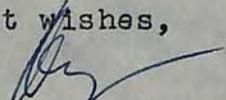
Dear Al:

A few months ago I had a little correspondence with the publishers and Prof. Jongmans concerning the cost of Fossilium Catalogus. The more recent numbers cost about three times as much as previously.

Thought you might be interested in the publisher's reply. I don't need it back so just discard it. I am sure that your subscription will be appreciated if you decide to enter one.

I certainly hope that it will be continued but I should think that there will be precious few personal subscriptions at the present rates.

Best wishes,


Henry N. Andrews

Dr. W. JUNK-PUBLISHERS, van Stolkweg, The Hague.

December 14th, 1955
P/B

Prof. Andrews,
Missouri Botanical Garden,
2315 Tower Grove Avenue,
St. LOUIS 10, Miss.

Dear Professor Andrews,

Prof. Jongmans sent us a copy of your complaint notice and some days ago we received your refused copy of FOSSILIIUM CATALOGUS II, pars 29.

We fully understand your protests. The printing-prices, however, are four times higher than before the war and the number of subscribers does not even reach a hundred. As there is no subvention of any organization, we are not able to publish this catalogue at a lower price. Every cancellation increases, every new subscriber decreases the price of the following part with 1%.

Taking the above in consideration, we hope that you will be able to convince the Missouri Botanical Garden of the necessity of their subscription.

With best season greetings,

very sincerely yours,
Dr. W. JUNK-PUBLISHERS

W. Junk

no need to return this

May 2, 1956

Benito Cloud
15% Cotton Fiber
USA

Professor Henry N. Andrews, Jr.
Department of Botany
Washington University
St. Louis, Missouri

Dear Henry:

I saw your review of the two recent numbers of Fossilium Catalogus II: Plantae in the Journal of Paleontology. Could you take time to let me know how one obtains copies of the Fossilium Cat.? Sorry to trouble you about this, but the citation in the J. P. is not sufficient for placing an order.

With best wishes, I am

Sincerely yours,

Alfred Traverse

AT:nro

Shell Development Company
Exploration and Production Research Division

February 13, 1956

Dr. Henry N. Andrews
Henry Shaw School of Botany
Washington University
St. Louis 5, Missouri

Dear Henry:

Thanks for the copy of "Index of Generic Names of Fossil Plants, 1820-1950" which I shall find a very useful thing to have around. I am glad that you thought that my idea for distribution of the Brandon monograph was satisfactory. I was a bit concerned about employing such an irregular technique but could see no way out of it, other than distributing the thing at all.

Best wishes as ever.

Very truly yours,


Alfred Traverse

AT:hmp

Shell Development Company
Exploration and Production Research

WASHINGTON UNIVERSITY
SAINT LOUIS

THE HENRY SHAW SCHOOL
OF BOTANY

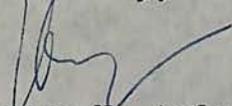
February 6, 1956

Dear Traverse:

Thanks very much for your letter of January 30. It is thoughtful of you to make this arrangement - I am certainly anxious to know of publication of any of the Brandon work.

I had been waiting to get your new address to send you a copy of the Generic Index; one is now going out under separate cover.

Sincerely,



Henry N. Andrews

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
Box LL, University Station
Grand Forks, North Dakota

February 4, 1952

Dr. Henry N. Andrews
The Henry Shaw School of Botany
Washington University
St. Louis 5, Missouri

Dear Dr. Andrews:

It was good of you to write me, as you did on 26 January. You had sent me a copy of the Botanical Review paper, which I enjoyed reading. Naturally, I was rather puzzled by the citation because I was sure you at least knew my Christian name! I have so far received two queries about my paper, provoked by yours, perhaps two which I would not have had if the citation had been complete. So, once again, compensation! Anyway, I was very pleased by your kind words about my paper.

I am setting up work here in coal petrography, but am hoping to be able to do paleobotanical research as well. This is a new laboratory, and I am blessed with excellent facilities and plenty of cooperation in getting new equipment, but much of my time since I arrived in November has been spent in the more or less routine work of getting my two rooms arranged and designing new equipment. I am beginning to feel the lack of help. Originally it was planned that there would be a larger staff here and I would have had an assistant, but the heavy reduction-in-force imposed last year changed the plans.

Thank you again for your letter.

Sincerely yours,

AT
ALFRED TRAVERSE
Coal Technologist

cc Region V
Dr. Traverse ✓
File

WASHINGTON UNIVERSITY



SAINT LOUIS (5), MO.

RECEIVED

JAN 31 1952

U. S. Bureau of Mines
Grand Forks, North Dakota

THE HENRY SHAW SCHOOL
OF BOTANY

January 28, 1952

Dr. Alfred Traverse
U. S. Bureau of Mines
Grand Forks, North Dakota

Dear Traverse:

I should have written to you long ago but I have been away from the University for the past seven months and much of my correspondence has fallen in arrears. I am not sure whether a copy of my coal ball review paper was sent to you - at any rate I am sending one under separate cover.

As you will note, if it has not already been brought to your attention, the bibliography carries a very incomplete reference to your cordaite paper. I wrote the paper for the Botanical Review approximately 18 months before it was published and then submitted a "supplement" at the last minute in order to have it as up to date as possible. That accounts for the brief Addenda on page 464. Several bibliographic additions were made in the ~~xxxxx~~ page proof, yours among them, but these were completely ignored by the printer! I felt very badly about it and hope that you will see fit to forgive the error.

Sincerely,

H. M. Andrews
Henry M. Andrews