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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.

THE PENNSYLVANIA STATE UNIVERSITY
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PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814)863-3419; Fax: 814-863-7823

30 May, 1994

Dr. W. A. Brugman
Royal Dutch/Shell
8 IPM-EPx36
P. O. Box 162
2501 an den Haag, the Netherlands

Dear Pim:

Just heard that you have had a health setback and wanted you to know that Betty and I are thinking of you and wishing you as much relief as possible from the problem.

Things are not greatly different here from when you visited us quite a while ago. I wish you could drop in for a couple of weeks to help me with current Triassic problems. We wouldn't make you pick any tomatoes.

All the best.

Yours very truly,

Alfred Traverse

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21 August, 1990

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

Entirely too much time has gone by since your and Van Bergen's MS came in. I sent it out first to Jansonius, who doesn't request anonymity. He seemed pretty negative, so I sent it to another man whose opinion I value, without comment. His review (reviewer #2) was in general very similar to Jansonius'. I am sending you all of their comments, plus the pages on which they wrote.

Now I have also gone through the MS. I did this before reading the review by Jansonius. Pages with my comments are also included with this letter. My reaction was that this material is obviously something that will be a major contribution to the book, but it needs work. More specifically:

1. Would it be possible for you to generate a couple of tables in which the "groups", "ecophases", "categories", "palynofacies" are succinctly explained? Such should go up front, in my opinion, and would greatly help underline what your thoughts are.
2. Could you do some rewriting for variety of expression? I thought, for example, the constant repetition of "it may be concluded" is very irritating, and I have suggested how this could be improved. In fact, if you like the way I did it, you can just give me license to rewrite a little here and there, and I'll do it.
3. p. 36. Could we say things such as "Prasinophytes and yellow/brown S.O.M. are..." to avoid repetition? As I've noted on the MS, could we use U.O.M. instead of S.O.M. for unstructured organic matter?--seems more sensible, as S.O.M. suggests "structured organic matter."
4. Noted mistakes in bibliography make me fearful that the whole needs to be checked. I just glanced at German references. Has a 1:1 check been made to ascertain whether every reference is in the biblio. and every biblio. entry is in the text--including text in tables and figures?

5. Is there an author permission for Gudden & Schmid? We take care of the publishers, but you should get (informal o.k.) permission from the authors.

6. re "bisaccoid"--how different from "bisaccate"?

7. Just for my info--p. 12: how are the nominate taxa of phases selected? They are "not...abundantly or continuously occurring." OK, what are they?

So, there it is, old friend. Don't let this get you down! Basically, the guts of an excellent chapter are there! You need to do some rewriting, probably create a couple or three additional new tables or figures to help explain some of the main points, add a little additional text to make things clearer. I hope you can do this promptly, of course.

All the best, as ever.

Yours very truly,

Alfred Traverse

AT/et
encl

*In a p.s. I asked for
G. Caselle, called attention
to other critics' comments
needing attention and
said not nec. to
return copies -- I
made xeroxes.*



Date *18-01-1990* Your reference Our reference Ext. nr.:

Subject

Dear Dr. Alfred,

I just had the flu so I am a little bit late (as usual). Thank you for your best wishes and I wish you and your family all the best in 1990. Sorry for not contacting you in such a long time. All the best,

yours sincerely,

Pim

Ca. 15-XII-89



Rijksuniversiteit Utrecht

Laboratorium voor palaeobotanie en palynologie

Heidelberglaan 2
Utrecht 2506
Telefoon 030-53

Dr. A. Traverse

Datum
Uw kenmerk
Ons kenmerk
Onderwerp

Dear Alfred,

Herewith the article, as promised.
Figs. and tables under separate
cover.

In hurry,

Best wishes,

Bruggeman

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4 December, 1989

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
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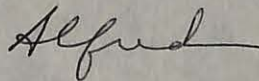
faxed to: 0031-030-521877

Dear Pim:

Got yours of 20 November. "As soon as you are able" is obviously the best I can expect! It sure is worrisome that you and Henk have so many health problems. Maybe your lab should transfer to Aruba? Don't worry about the delay.

All the best to you for the holidays!

Yours very truly,



Alfred Traverse

AT/et



Dr. A. Traverse,
Dept. of Geosciences, Palynological Laboratories,
The Pennsylvania State University,
435 Deike Building,
University Park,
PENNSYLVANIA
PA 16602 United States of America.

Date	Your reference	Our reference	Ext. nr.:
November 20th. 1989		PPU/WB/89-8999	(030) 532630/2629

Subject

Dear Alfred,

Unfortunately I have to inform you, that due to a backache, which causes a lot of trouble to me, preparation of the article I promised you again is somewhat delayed.

It is finished and hopefully I can send it to you at the end of november.

My apologies for this delay.

With best wishes,

Pim Brugman.

THE PENNSYLVANIA STATE UNIVERSITY
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16 October, 1989

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

faxed to 0031-030-521877

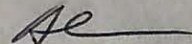
Dear Pim:

It is just fine to get your chapter for the book in by end October. There have been a lot of problems. I've hoped that authors weren't becoming panic-stricken by the already passed theoretical deadline.

It is marvellous to know that Henk is so well as to be back on the job.

All the best.

Yours very truly,



Alfred Traverse

AT/et



Date 29-09-1989 Your reference Our reference Ext. nr.:

Subject

Dear Alfred,

I know its been a long time since you have heard from me. A lot has happened since we met in Australia. I have fully recovered from my illness, but in the last seven months Henk Visscher has been seriously ill. Luckily he is well again and just recently returned to the Lab to restart work. This, however, has meant that during this period I have had to take over many of his tasks, which has delayed the preparation of the article I promised you. Together with one of my students (Pim Van Bergen) I have been able to finish it. There is, however, a snag. The drawings need a little more time and some of the text needs a bit of change. Due to the fact that I have to accompany an excursion to the Dolomites I would like to ask you if it would be alright to send you the complete package at the end of October. I know its a bit late, but due to Henk's illness so many things have come between writing the publication and meeting the deadline. I hope I have not caused any inconvenience and that you understand the problems. Wishing you and your wife all the best,

Yours sincerely,

Pim

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11 April, 1989

Dr. W. A. Brugman
Lab. Palaeontology & Paleobotany
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

Thought you'd like to have a copy of a student report on an "unknown" sample that you provided (ober-283 = Anisian/Ladinian; now is T-869 = PRC 3117). I think the student did a good job, If you consider that he had other courses simultaneously and that the introduction to paleopalynology is just a 14-week phenomenon. The palynomorphs were abundant but rather "bubbly." The student's dating of the sample was only a "trifle" off.

All the best.

Yours very truly,

Alfred Traverse

AT/et
encl: report

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26 January, 1989

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

I just re-read yours of 21 Nov., 1986 (it got buried!), while sitting in an airport in Michigan. In the meantime we have profited greatly from the wad of early Triassic samples from you all. I guess I should visit Hungary personally to "high-grade" a few samples!

I still don't know what to make of your "tetrads"--I can't even convince myself from just the photos that they are tetrads. The Karnian-of-Mezica paper by Jelen & Kusej is a nice piece of work. Thanks very much for it--I would otherwise never have heard of it.

All the best.

Yours very truly,

Alfred Traverse

AT/et

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6 January, 1989

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

Thanks for yours of 22 December, just in.

Presumably you received my first draft of the book proposal. You will soon get the second draft. The main thing at this point is for your to be satisfied with what I gave you for a title and brief precis. (I at least got your name correct, I believe.) You don't raise any objection, so I guess it's o.k.

Your suggestion for the chapter seems very good to me, and I look forward to getting it. More explicit "instructions to authors" re figures, etc., should be out in a month or so. Obviously that means that the MS deadline is shoved back somewhat.

Best.

Yours very truly,

Alfred Traverse

AT/et



Date 22-12-1988

Your reference

Our reference

Ext. nr.:

Subject

Dear Alfred,

First of all I wish you and the family a merry Christmas and a very prosperous and happy new year. With regard to a contribution with regard to a chapter on palynomorph sedimentation, I was thinking of presenting an example, using a sequence we have been studying extensively, i.e. the Obernsee well (all cores). In this sequence, we have sampled the Muschelkalk - Lower Keuper - Middle Keuper transitions, representing a variety of different environments. Actually a more extensive account of my paper in Australia. That abstract covers, in short, what I thought of doing. The paper itself, of course, as a contribution would be more extensive. Again, hoping everything is fine at Penn State, I wish you all the best in 1989.

Yours sincerely,

Pim

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9 November, 1988

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

Yours of 8 October (!) just arrived (came sea mail).

Of course, you may use my name for a reference! Job opportunities in USA are a problem. My guy, Martin Farley, still has no real job (he is doing a post-doc year at Smithsonian in DC). I will keep your availability in mind. How about the job as Klaus' successor in Vienna? Hochuli and other palynologists are applying. Better look into it!

Now, I hope this doesn't mean the book chapter is out, as I am really hoping for that. Please let me hear--per recent letter.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

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31 October, 1988

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

Good to see you in Brisbane, and in such fine fettle too!

Please unearth my letter to you of 14 July, '88. It was about the book on palynomorph sedimentation, which I believe I also discussed with you in Brisbane. (I intended to, but I don't do well at meetings about such matters--too distracted.)

I am hoping that you will put together a chapter including your (and Henk's) ideas on palynomorph sedimentation. Maybe you'd want the chapter to be Brugman & Visscher. I would like you to cover the ideas of the Utrecht group in general, as to sedimentation of organic particles--palynomorphs, "palynodebris" (including wood particles, cuticles), the works. It seems to me that a summary of the group's ideas on the use of quantitative methods to link "palynosedimentary" complexes with lithological changes is the unique contribution you could make.

I need a very brief, general, abstract now, as mentioned at the end of the 14-July letter. The MS should get to me by April, 1989. Length of the chapter is not a problem.

All the best.

Yours very truly,

Alfred Traverse

AT/et



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The Netherlands

Prof. A. Traverse
Penn State University
Dep. of Geosciences
Palynological Laboratories
435 Deike Building
University Park, Pa 16802
U.S.A.

Date
Your reference
Our reference
Subject

B.

8-10-1988

Thanks for the letter. I will keep you informed about the index. I do think additional preliminary copies are being made. And now for something completely different. It appears that I may be leaving the Institute and I was wondering if you would be so kind as to be a possible reference for future applications. Another thing is that I would also like to know if there are any possibilities in the States. I would gratefully appreciate your cooperation. Please say hello to your wife, and I hope all problems are or will be solved in the near future. I really enjoyed meeting you in Brisbane and I hope to see you very soon.

Yours sincerely

Pim

Brogman

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16 September, 1988

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

Great to see you in Brisbane and to note how well you were!

Just read CIMP News 1. 37 about your Triassic "Index". Obviously this is important to me--please keep me informed about availability of the "Index"! (According to another reference a preliminary version is available.

Yours very truly,

Alfred Traverse

AT/et

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14 July, 1988

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3582 CS Utrecht, Netherlands

Dear Pim:

Thanks for yours of 28-VI with good news about your recuperation. (That envelope with the black lines and black "per luchtpost" scared me though!)

Now, back to the letter of 26 May, which you, it is to be hoped, can still unearth:

1) I have your (et al.) abstract for symposium 12 for Brisbane, and presumably you got the abstract packet I sent you.

2) You are encouraged to publish some version of your (et al.) paper in the Proceedings volume of 7IPC. That paper would only be 2-3 printed pp. long, plus a couple of figures.

3) Now, aside from, and not directly related to 7IPC--I am organizing a volume based on some of the Brisbane papers, plus some chapters by other folks (Batten, Nichols, Pocknall, Habib, Hart, etc.)

I was hoping you could organize a chapter for this book based on your Brisbane MS, but presumably enlarging on it, perhaps including other material as well. (However, there is no problem about revising whatever also goes in your Proceedings paper.

Given that the chapter would probably be more expansive than a 25 min. paper allows, I thought you would probably want to do a different abstract.

As you now have said "yes" to the project itself, I need such an abstract, in order to deal with the Columbia Univ. Press ASAP. Thanks! See you in Brisbane!

Yours very truly,

Alfred Traverse

AT/et



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The Netherlands

Date
Your reference
Our reference
Subject

28-06-1988

DEAR Alfred,

I am sorry that it has taken a while, but I have just started working again after months (since November!) of recuperation. Everything seems to be o.k. now and slowly but surely I am getting back into the grind. First of all, I want to thank you for the get well card. I appreciated that very much! With regard to your letter (26-05-1988) the answer is of course yes! The only problem is I am a bit out of touch with things and I don't quite understand which abstract you mean. If you could give me a general idea of what you need, I'll get back to you faster than you could think possible!

Yours sincerely

Pim

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26 May, 1988

Dr. W.A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

It was a thrill to learn from the most recent Dettmann communique that you (and a cast of thousands) will take part in "my" palynomorph sedimentation symposium. I had invited per letter to Henk persons from your group to take part but had not heard (I think).

Anyway, welcome aboard! It's turning into a really good show. I enclose a set of the abstracts. Could you share it with Van Waveren, to cut my xeroxing costs? The symposium will last 7-8 sessions over two days. Norman Hughes will act as "official discussant" at the end. I sent Van Waveren a tentative schedule which he can share with you.

Now another matter: the 7IPC folk are urging all of us to publish the papers in the Proceedings (Liz Truswell, Ed.), and it's a good idea. The papers should be in keeping with what a 15-20 min. talk would generate--a couple of pages plus a couple of illustrations.

However, Columbia University Press has indicated an interest in publishing a volume on this subject under my editorship. Would you be able (and interested) to prepare a chapter in which you would enlarge on the ideas from the Brisbane MS, plus whatever else you wished to add on the subject?

At the moment all I need is a "yes", together with a general abstract and title, so that I can prepare a formal proposal for Columbia Univ. Press. I need this asap.

All the best. See you in Brisbane.

Yours very truly,

Alfred Traverse
Organizer, 7IPC Symposium #12

AT/et

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7 March, 1988

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

Yours dated 19 February just came. We were stunned to hear you've been ill for so long (please see enclosure!). We think of you as able to harvest tomatoes all day long, to say nothing of gawking through a microscope.

All the best to you, dear friend.

Yours very truly,

Alfred Traverse

AT/et
encl



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The Netherlands

*Prof. A. TRAVERSE
PENN STATE UNIVERSITY
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, Pa 16802
U.S.A.*

Date
Your reference
Our reference
Subject

19.02.1988

DEAR Alfred,

*Due to the fact that I have been ill since the end of
November I am sorry that I am late in wishing you
and your wife all the best in 1988. I have just
started working again, but it will probably take
a few months before it will be possible to work
on full capacity. I apologize for any inconvenience
my period of illness may have caused. Of course you
may use the drawings!*

Yours sincerely,

Pim

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17 November, 1987

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

Here I am, hat in hand again!

At the Berlin Congress (on which H.V.K.-v.C. so ably reports in Stuifmail 5:3) I gave a lecture on plant evolution vis à vis animal evolution. In it I used a slide to illustrate taeniate pollen of the Permo/Triassic made by xeroxing, cutting up and pasting from drawings in your marvellous 1983 yellow book.

Now Chaloner, Peter Crane and others have urged me to publish the paper. Is it o.k. with you if I were to use these drawings in the paper (credited to you, of course)?

Wish you could come again for a visit--if you ever are in N. Amer., don't forget the welcome mat here.

Best.

Yours very truly,

Alfred Traverse

AT/et

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10 November, 1987

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 Utrecht, Netherlands

Dear Pim:

Congratulations! What a grand-sounding title! You are just right, except for the "Paleozoic"! Please don't abandon the Mesophytic.

Best to all.

Yours very truly,

Alfred Traverse

AT/et

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27 April, 1987

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
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Dear Pim:

You will recall our correspondence re my use in the textbook project of range info from p. 40 of the famous "yellow book." I am now in the proof-reading stage, and something has popped up which needs comment.

One of your taxa is "5. Plicatipollis sp. div." I am convinced you meant Plicatipollenites, not Plicatipollis, from checking Jansonius-Hills cards. Your pic on p. 41 is clearly the same as on J.-H. card 2041. There is a Plicatopollis, but that is an angiosperm.

Is there something I'm missing? If my conclusion is correct, there's no urgency to answer, as I've sent off a "stop the presses" message. However, if I'm wrong, please respond yesterday!

Hope you all are flourishing.

As ever,

Alfred Traverse
Professor of Palynology

AT/et

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9 February, 1987

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

What a nice bunch of "plants"!

Really, I am greatly in your debt. I expect we'll run them in connection with the palynology course next fall. Last fall we had one Anisian sample from Israel I scrounged from Yoram Eshet--very nice stuff. The Lower Triassic has been a big void in the collections!

All the best to you, Henk and other friends at Utrecht.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



State University of Utrecht

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Prof. A. Traverse
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Pennsylvania 16802
U.S.A.

Date 16-1-1987
Your reference
Our reference
Subject

Dear Alfred,

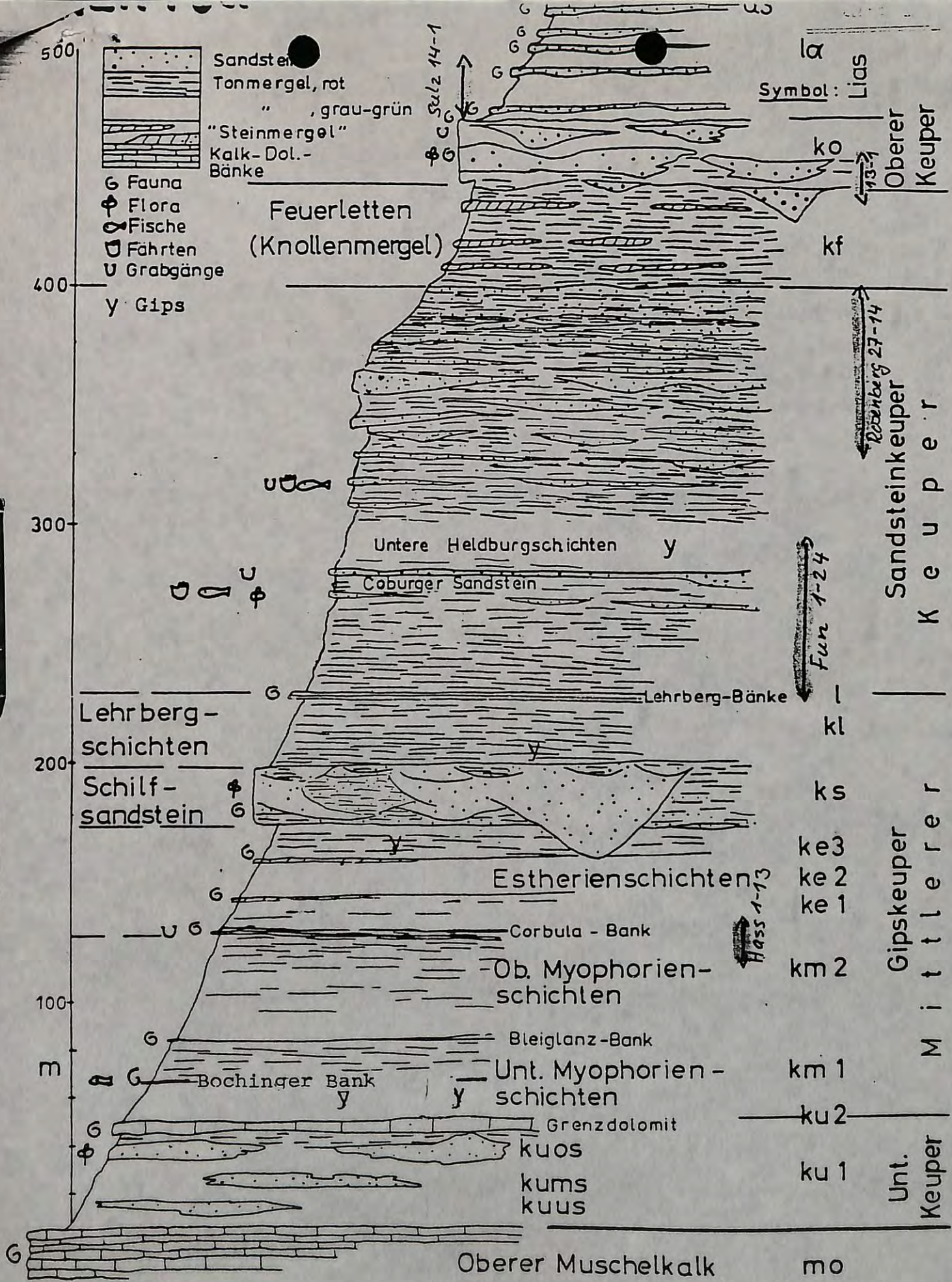
Enclosed is the first shipment of samples. These are from different levels in the Germanic Basin. I am still looking through our collections with regard to the Alpine area. Due to reorganization procedures in our collection, it will take a little more time.

- Ober 140 Buntsandstein (uppermost part) Anisian
- Ober 188 Lower Muschelkalk Anisian
- Ober 272 Middle Muschelkalk Anisian
- ✓ Ober 283 Upper Muschelkalk Anisian/Ladinian (Lower)
- Ober 431 Lettenkohle (Langobardian)
- Ober 465 Lettenkohle (Langobardian)
- Ober 683 Grenzdolomit (uppermost Lettenkohle) Langobardian
- Ober 774 Myophorienschichten Karnian
- Ober 821 Estherienschichten Karnian
- Ober 926 Schilfsandstein

Inclosed is also a general stratigraphical column of the Keuper. I wish you and the family all the best in 1987 and I hope we meet again soon. If the samples are not quite up to par, please write because we have tons of material from the Germanic Basin.

Yours sincerely,

Pim



Schema der Keuper-Entwicklung in den Hassbergen

(Bl. Stadtlauringen-Alsleben/Rieth-Römhild, komb. WELZEL 1964, SCHRÖDER)

24 November, 1986

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

Thanks for yours of 10 November. Can it be almost a month since we met? Here the latest news is that Betty's father finally died yesterday after a long (3 years) struggle. We will be spending much of the week on that. When I get back I believe I'll try to talk Carmen M. into helping me with some more TEM-SEM on our "Tetradoprotosaccates," as Ediger called them. Maybe we can all agree on a going paper on it? It may be one of the last chances for an Alfredospora or Henkipollenites (I don't believe Henk "has" a genus either?). Hmmm.....I'm going to write John Rowley one of these days to be sure Koob isn't in prison or something, so he would be an embarrassment for "Koobispora"! Koob did a masters with J.R.

Best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



State University of Utrecht

Laboratory of palaeobotany and palynology

Heidelberglaan 2
3584 CS Utrecht
Telephone 030-53
The Netherlands

Prof. A. Traverse
Pennsylvania State Univ.
Deike Building
University Park
Pennsylvania 16802
U.S.A.

Date 21-11-1986
Your reference
Our reference
Subject

Dear Alfred,

As you can see I am definitely bettering my life with regard to my correspondence. It sure was nice to meet once again in the U.S.A. I enjoyed it immensely. Down to business. With regard to sending you material, there are some problems concerning Scythian and Anisian. Most of the material I looked at derives from Hungary (the best material anyway!). The material belongs to the Hungarian Geological Institute and I recieved slides only. They are not to happy about sending their material around. I have sampled Spathian (with Tirolites) material from the alps, but have not processed any of this material. As soon as this has been done, and they turn out to be positive, I will send you the material. With regard to the Anisian, I will look to see if I have any left from Italy. We do have a lot of material from the Germanic Basin. This may prove interesing for you. It is however quite different from the alpine region. will send you material from the Upper Buntsandstein, the Muschelkalk, Lettenkohle, Myophorienschichten, Estherienschichten, Schilfsandstein and Rhät. Sending you Ladinian material is no problem and this will be included (this material is from the Alps). This will be sent to you in the very near future. Please write if you want anything else.

Included within are photos (not really good ones, but it will have to do for the moment) of our tetrads. They are different from your material, but if you have seen anything like these things, I would appreciate it! They are restricted in occurrence to a certain part of the Upper Muschelkalk.



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Date
Your reference
Our reference
Subject

Concerning Van Buggenum's photos. He really did not photograph that much. One of our students is just finishing his work in the Muschelkalk from a nearby sequence. He will be taking pictures of the most important forms. This report and good pictures will be sent to you as soon as he (= Robert Holshuysen) has finished his work. If you want pictures of any specific species from any period please write.

I have quickly looked through the publication you sent me. I do need a little more time, due to the fact that I have been doing quite a lot of consultant work since arriving back in Utrecht. I would like to see a better picture of the Parillinites pollen grain and the Camerosporites one. The latter is certainly quite different from the european species. With regard to the spores, these are taxonomically always a problem. I think, at first hand, the work of Achilles (1981) might be of use. I will write as soon as I have found the time to look at the paper more closely.

Included within is a publication of Mirko Jelen, a yugoslav who learned the tricks of the trade at our laboratorium. I think it may be quite useful.

Hoping everything is o.k. I will be sending what I have got to you in the very near future. Say hello to all!

Yours sincerely,

Pim

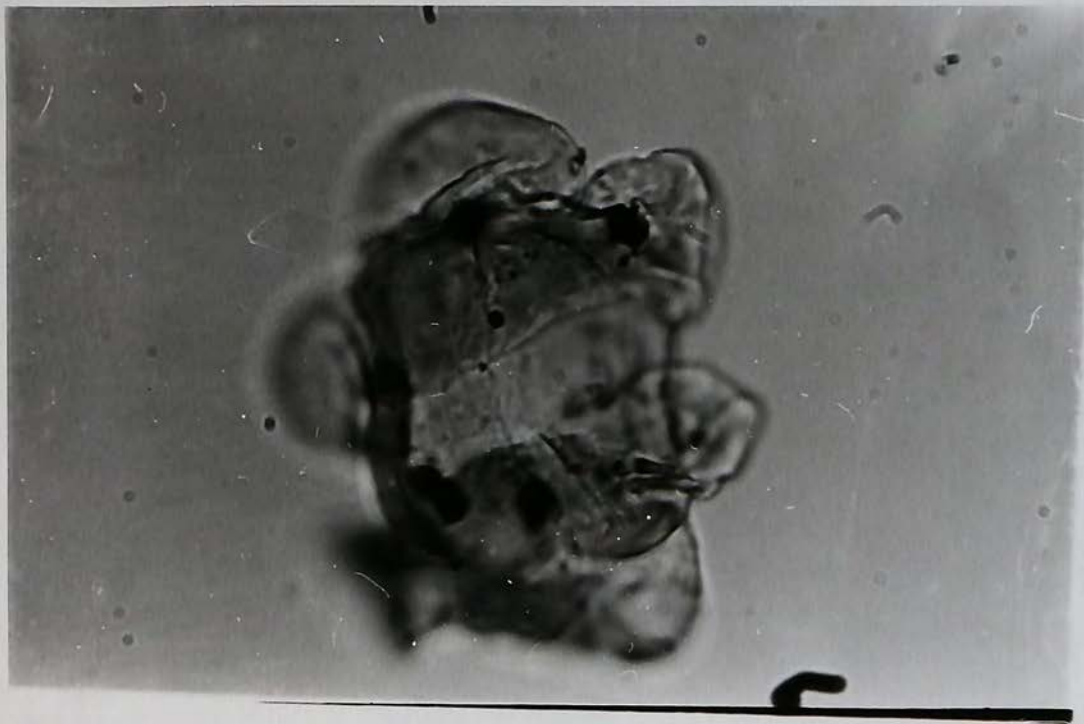
Photos

(Brugman)

21-11-86



Hunt Institute for Botanical Documentation



Hunt Institute for Botanical Documentation



Hunt Institute for Botanical Documentation



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The Netherlands

Prof. A. Traverse
Deike Building 435
University Park, Pa.
16802 Pennsylvania
U.S.A.

Date 10-11-1986
Your reference
Our reference
Subject

Dear Alfred,

I am glad we met in New York, so that I could explain why it has taken so long to write back to you. With regard to the strange pollen grains in our Muschelkalk samples, I am getting pictures ready and will be sending them to you with the slides as soon as possible. I am also writing to you, because Dr. Cornet sent me a letter. I wrote to him, telling him that it would be possible for you to make copies of our internal reports and send them to him. I am also putting together a package of internal reports that I will send to you as soon as I get everything together. I seem to be getting everything organized quite well and even catching up with my correspondence. I hope everything is well and say hello to your wife and all the nice people that are still around!

Yours sincerely,

The tomatoe picker,

Pim Brugman

3 November, 1986

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

It was good to see you and Henk in NYC, but I feel bad that I was enough distracted by other matters not to take to 42nd St. and spread out things (such as Ediger's thesis) which I had at the hotel, for your and Henk's comments. I wanted help with some forms from the Deep River Basin-- I send along another xerox of the blurb I recently published on it. See p. 69. Figure 9b is obviously the same taxon as Schultz & Hope Pl. 17, fig. 14 (xerox also enclosed). I just carried over their name, but I doubt very much it's right. Comments, please, on that and others too, if you have time. Note on p. 68 that I would now change Cornet's correlation as shown. It seems clear to me that the same sequence is present in both basins.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: xeroxes

20 September, 1986

Dr. Pim Brugman, etc.

Dear Pim:

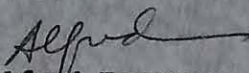
This one I'm going to type personally, so be forewarned!

When I acknowledged your letter re change from vicentinensis to vicentinense I forgot another matter:

Before Ediger left for Turkey he lent me the copy of the Van Buggenum monograph you had sent him, so I could make a copy. I have been reading it with great interest. There do not seem to have been plates in this copy. On p. 115 there is a description of "Cookiensis," which clearly is the same thing that Cornet and I have called "Placopollis raymondii" because it was so named by Koob in a never-published thesis (cf. Cornet's thesis Plate 15). Ediger had good ones from his Richmond Basin stuff, and I have terrific specimens (the best yet) from the Deep River Basin, North Carolina, and from the Taylorsville Basin, VA. The thing, when it is eventually published, should be named "Koobipollis," don't you think? I still am not sure how to interpret the structure, but Cornet has made thin sections for TEM, and the pics are incredible--hardly any lumen.

Will the Van Buggenum monograph come out with plates? How about Ms. Heunishh's thesis?

Best,


Alfred Traverse
Etc.

15 September, 1986

Dr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

I am sitting in the study at our little camp in the Adirondacks (NY), waiting for a contractor to come (they are incredibly casual here). I'm amusing myself by working on my huge stack of back publications and correspondence.

First, thanks for your letter of 20-4-86 (can it be that long ago?). Volkan (and Ron Litwin: Chinle work, Arizona) and my guy in the palynology and archeology of Honduras (Dave Rae) all defended Ph.D. theses this summer.

There may have been things about Volkan's effort that would not have pleased you and/or Henk, but we thought it acceptable for the degree. He is now back in Turkey. His wife is reestablishing her dental practice in Ankara. Volkan is not sure yet what he'll do. Litwin has a good job (Mesozoic palynology!) with USGS, Reston, Va.

Naturally, I was delighted to be a lucky recipient of a copy of your thesis (I loved it that Henk is a "promotor"). It is great that the statement could be made that it would appear as is in Rev. Pal. Pal. There will undoubtedly be problems about where the new names were first published. I would take the Proefschrift to be fully acceptable as publication, as you do not specifically state you do not intend publication until appearance in Rev. Pal. Pal.

The zonation is very interesting and helpful, and I have profited from the study of the plates and descriptions.

We hope you will find an adequate permanent position. That situation is grim over here. For example, Cornet is unemployed, to mention only one such case.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



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Prof. A. Traverse
436 Deike
Penn State University
University Park, Pa.
16802
U.S.A.

Date
Your reference
Our reference
Subject

7-1-1986

Dear Prof Traverse,

I just received part of Volkan's work. Before commenting on this work, I would first like to mention that I have sent Carmen and Volkan some unpublished work of our Lab. This work is concerned with the uppermost part of the Röt, the Muschelkalk, the Lettenkeuper and Keuper of S. Germany, and the Rhaetian of England. More will follow. They are at your disposal.

I will write to Volkan in the near future, once I have carefully digested it. There are, however, a number of general remarks to be made.

(1) I would like to stress the use of more up to to date litterature concern- the Lettenkeuper, with regard to the general geology (compare Heunisch, the unpublished report for references).

(2) I miss a number of palynological work, within the Germanic Basin, a.o. Schulz, Reinhardt, Reinhardt et Schmitz, Orłowska-Zwolinska (1983), etc. With regard to the presented ranges in the work, they are mostly not correct and additional research is needed.

(3) The use of spores, assignable to formgenera such as Calamospora, Cyclo-triletes, Punctatisporites is highly questionable with regard to their stratigraphical importance. Research in the Alps and within the Germanic Basin has shown that the occurrence and abundance of these taxa is highly dependant on local environmental conditions, and may fluctuate extremely throughout different periods of the Triassic and Permian.

(4) The Lettenkeuper is a diachronous facies units, of which the occurrence is restricted to the Germanic Basin, with a possible extension into Roumania (compare Beju, 1965). It should not be mentioned as occurring within the Tethys. The age is approximately Late Ladinian.

(5) The endemic aspect of assemblages taken from strata in the Germanic Basin is to be taken into consideration. During the Anisian and the Ladinian palynological assemblages from the Germanic Basin and the Alpine/Tethyan realm are quite different, both qualitatively and quantitatively. Mixed areas may be observed in Spain, Southern France, Roumania and the southern U.S.S.R. During the Karnian the differences become smaller and are almost neglectable. See the yellow book for the endemic elements, however, *Retisulcites perforatus* and *Microcachryidites* spp., have not been observed in



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Date
Your reference
Our reference
Subject

the Alpine areas.

These are some of the more important points. I do not want to appear too critical, but if this part of the work is to be published, its going to be creamed, especially if the Germans or French get their hands on it. I certainly do not want to anger anyone, but it is Prof. Visscher's and my own honest opinion. I also do not want to go behind anyone's back, but I thought I should write to you first, to present some constructive thoughts.

I will, of course, write to Volkan in a more extensive fashion in the near future. In the mean time I hope you will enjoy the unpublished reports. These reports are certainly not the finished products, but do contain some worthwhile information.

Yours sincerely,

Pim

Brugman

10 February, 1986

Mr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2 & Palynology
2584 CS Utrecht, Netherlands
3504 CS Utrecht
Netherlands

Dear Pim:

Dear Yours of 7 January took a long time getting here. It was about Ediger's thesis. I am not sure what he sent you--that's one problem with VE--he's pretty headstrong and secretive, and I don't always know what he's doing. I don't normally get informed about what he receives from you. I also didn't know that you sent stuff to C. Moy, as I haven't seen her lately--but armed with your letter, I'll try to get xerox copies made of whatever it all is. I did see the recent thesis from Witzburg that you sent VE--he thought it was your thesis, in Dutch! I remember the author of it quite well from Göttingen.

Needless to say, I appreciate your reading VE's material critically, as much of it is stuff that a professor with hands in the Silurian, Devonian, Cretaceous, Paleogene and Holocene can't keep very close tabs on! All of us here will gain greatly from your and HV's opinions and help. I do hope you will be willing to do the same for me with some of my Triassic-Jurassic stuff when (if?) I get the textbook project finished.

All the best.

Yours very truly,

Yours very truly,

Alfred Traverse
Professor of Palynology
Alfred Traverse
Professor of Palynology

AT/et

25 November, 1985

Mr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht
Netherlands

Dear Pim:

The 3:3 Stuifmail was great fun. Surely one should be paying something to keep getting what is becoming an important scientific journal? Anyway, thanks, and please keep me aboard. (I enjoyed reading about Carmen's visit!) Does Stuifmail accept MS from outside of Utrecht?

Frustrating that Bugganum's Fig. 4 is illegible! His MVA approach was interesting, but I found it comforting that the results are mostly what "common sense" would tell one!

Where can one get Drooger's 1983 "Range Chart Analysis"?

Best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



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Prof. Traverse
436 Deike
Pennsylvania State University
University Park, Pa.
16802
U.S.A.

Date 2-05-1985
Your reference
Our reference
Subject

Dear Prof. Traverse,

Due to the fact that my stay stay in Hungary was extended, illness (some exotic flu-type), and a sudden trip to the Triassic of Germany (symposium and field trip), I have just recently returned to the Institute. Because of all this, in addition to some extensive consulting work for an oil company, I am way behind with a great number of things.

With regard to the photos, I have just started getting them all together and I hope to send them to you by the middle of May. Troubles here also. During are move to an other part of the building, a number of important negatives have been misplaced.

Concerning the Stuifmail, no problems with payment. The least I could for my stay at Penn State, was to pay your dues for this year.

Corollina zwolinskai was originally erected by Lund (1977: Rhaetic to Lower Liassic palynology of the onshore south-eastern North Sea Basin. Danm. Geol. Unders. (Geol. Surv. Denm.) Ser. 2, no. 109, 129 pp.). It is considered to be characterized by the presence of 2 sub-equatorial ring furrows, one distal and one proximal from the equator. Greetings to everyone at your Lab. and hope to get the photos to you as fast as possible.

Yours sincerely

Pim

8 April, 1985

Mr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

Greatly enjoyed latest (3:1) "Stuifmail". Please let me know what and to whom I should pay. (I don't seem to be an "honorary member" yet.)

With my German, my English and a little imagination I can make out anything in it of real interest. The 'ad' on p. 44 was fun. I even could read about "Hoogvenen" without much trouble. (They're a lost cause.)

Don't forget my need for Lowest to Middle Triassic photos (or loan of negatives)--need name, size or magnification, geographic-stratigraphic source. Need urgently.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

28 January, 1985

Mr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

Two letters today from me, but that seems more orderly than one, huge, confusing opus.

This is about "Stuifmail" (and PPGU) which I have read with enormous enjoyment. Fritz Cramer would have added an even zanier page or two— must be something in the drinking water in the Netherlands, from which a child never later recovers. I'd like to be kept on PPGU mailing list—could I pay a fee?

What's going to happen to the "Kring"?—clearly PPGU is the life of the current party—shouldn't it be the IFPS-associate? Or can there be a joint PK-PPGU councillor?

I found it hard at times to know what was spoof and what wasn't. For example, the report of my paper was almost entirely fictional—see my abstract. Was that a spoof, or not?

Your report of S.C. was great, though I expected that you might have had more fun with the fact that you harvested mostly spheres 2×10^3 x as large as Corollina. Betty, incidentally, wears the PPGU shirt, as it turned out to be too short for long-waisted me.

We hope your visit materializes. Keep us informed. Should we start looking for a house of a professor going to Utrecht that you could trade the use of? Don't laugh, it is often arranged. Failing that, you might want to rent a home of a professor going to anywhere.

Best to Henk and all!

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et



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The Netherlands

Oct. 84

Date
Your reference
Our reference
Subject

Dear Prof. TRAVERSE

Included herein is a complete PERMIAN-TRIASSIC Palynology book. I hope you will enjoy the contents. I would like to thank you and your wife for the hospitality I received. My stay in Pennsylvania was very enjoyable, in short I had a great time! Give my greetings to your students, and I hope we will meet again in the near future.

Yours sincerely

Jim

Brugman

14 September, 1984

Mr. W. A. Brugman
Lab. Palaeobotany & Palynology
Heidelberglaan 2
3584 CS Utrecht, Netherlands

Dear Pim:

It was a joy to have you, though I am sure you recognized that this was not A, B & Co. at their best-- I was sick and preoccupied, for instance!

Thanks a lot for the tomato harvesting and weed-pulling, etc., though I am pretty sure that was not the genre of botanical help that Henk had in mind.

Thanks also for the NEAT shirt, which I shall wear with great pride (having fended off already one envious would-be "borrower"--EIT).

Sorry you had to leave before the geology picnic. It was the usual success.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et