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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.

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 DEIKE BUILDING
UNIVERSITY PARK, PA 16802, USA
Phone: (814)863-3419; Fax: 814-863-7823
E-Mail: traverse@ems.psu.edu

11 September, 1994

Tucson Community Food Bank
Tucson, AZ 857--

file

Dear Friends:

Enclosed is a check for $30, which is a memorial for Dr. Gerhard Kremp, who recently died, per a copy of the obituary I have seen. I assume that the widow will be informed (101 Avenida Carolina).

Thank you.

Yours very truly,

Alfred Traverse

encl.:check

Hunt Institute for Botanical Documentation

5. IX / 44

Lieber Alfred,

Dein liebevolles Gedenken anläßlich von Gerhards Tod hat mich sehr gerührt und die Karte, auf der Du Deine herzliche Anteilnahme zum Ausdruck gebracht hast ist mir, wie natürlich schön und interessant. Hab' ganz herzlichen Dank!

Ich denke mit vielen guten Wünschen für Dich und Betty und Eure Kinder an Euch und schicke Dir wie die liebe Ernst

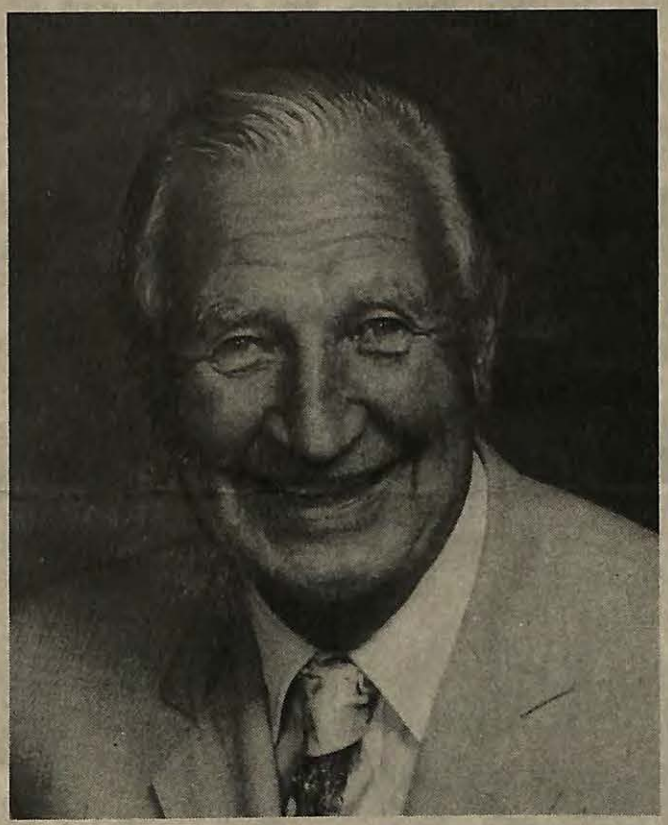
Deine Eva Kremp

Hunt Institute for Botanical Documentation

August 30, 1994

Gerhard O.W. Kremp

Lieber Alfred, liebe Betty



1914 — 1994

We would like to take this opportunity to share with you the sad news that Gerhard left this world for a better place on August 18, 1994. He will be painfully missed but we should not grieve, as he had been quite ill during the last weeks and months. God was gracious and merciful by setting his soul free that it may return to Him.

On August 28, 1994 we celebrated his life during a very lovely and meaningful memorial service in our church, attended by many of his friends and colleagues as well as the members of our family including his grandchildren.

In addition to the minister of our church, the Rev. Dr. Gordon McBride, Gerhard was lovingly remembered by six speakers. They represented the University of Arizona, PalynoData (Gerhard's project for the oil companies), his students, our neighbors and friends. The music that was selected and the way it was presented was exquisite. The ladies of the Hospitality Committee from our church had prepared a beautiful table for a reception after the service.

We thank all those who came to the service and apologize to those who may have come had they been notified in advance.

We are most appreciative of your past association with Gerhard and we extend to each of you our thanks and best wishes.

KREMP, Gerhard O.W., age 80, of Tucson, AZ, passed away Thursday August 18, 1994. He is survived by his wife, Eva and their three children, Eva Smith, Peter Kremp DDS, Sabine Weil and seven grandchildren. He received his Ph.D. degree in Natural Sciences from the University of Goettingen, Germany and served as a professor of Geosciences at the U of A from 1960 until his retirement in 1979. He published 148 articles and books in the field of Palynology, was a member of the Arizona Academy of Sciences and a recipient of the Gunnar Erdtman International Medal of Palynology. He is listed in "Men of Achievement", Dictionary International Biography, "Personalities of the West and Midwest" and "Leaders in American Science". His family and many friends will remember him for his kindness, his intellect, and his loving care. He was a member of Grace St. Paul's church for many years. A service of Thanksgiving will be celebrated in Grace St. Paul's at 2331 E. Adams St. on Sunday, August 28 at 4:00 p.m. The family requests that in lieu of flowers, donations be sent to Grace St. Paul's Memorial Fund, 2331 E. Adams St. Tucson 85719 or to the Tucson Community Food Bank.

Lovingly,

Eva Kremp and Family

Eva Kremp and Family

101 N. Avenida Carolina
Tucson, AZ 85711

Hunt Institute for Botanical Documentation

28. Mai 1990

Lieber Alfred,

Ich gebe Dir eine Eins in Deutsch! Alle Achtung!!

Vielen Dank für Deine archivistischen Bemühungen. Leider haben wir damals keinen Schlüssel für "die Menschen im Bilde" gemacht. Als wir uns zum photographieren versammelten, gab es einen 10 Minuten-Wolkenbruch. Ich hatte gerade stolz verkündet: „Keine Sorge, in diesem Monat regnet es bei uns nicht!" Man sieht deutlich im Photo, dass sich alle freuten, dass es nun doch geregnet hatte. Ich hatte mich nach meiner Wahrsagung in die 3. Reihe (rechts) verkrümelt. Aber Dich kann ich nicht im Photo finden. Wo steckst Du?

Sage bitte der Bibliothekarin, dass der ergreiste Organisator der ersten IPC Tagung die meisten Namen der Teilnehmer hoffnungslos vergessen hat.

Hoffentlich trifft Dich mein Schreiben in bester Gesundheit und guter Laune an. Er und ich sind noch gesund und immernoch Betriebsrüben, wenn auch längst pensioniert.

Mit herzlichen Grüssen, auch von Er,

Dein Gerhard

Kremp

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
DEPARTMENT OF GEOSCIENCES
PALYNOLOGICAL LABORATORIES
435 Deike Building
University Park, PA 16802
phone: 814-863-3419; fax: 814-865-3191

Prof. Dr. Gerhard Kremp
101 Avenida Carolina
Tucson, AZ 85711

den 18. Mai 1990

Lieber Gerhard,

wie Du weißt, bin ich jetzt "Archivist" für die IFPS. Ich habe in letzter Zeit von der Hunt Bibliothek in Pittsburgh eine Photographie bekommen, die ich für ein Bild der Mitglieder der ersten IPC Tagung erkannt habe. Eine Bibliothekerin an der "Hunt" sucht eine Liste der Menschen die im Bild sind. Gibt es eine Möglichkeit, daß ~~solch~~ ein "Schlüssel" für die Photo einmal publiziert worden ist?--oder vielleicht wurde eine Liste an die Mitgleider geschickt? Ich lege eine Kopie des Photos bei, falls das für Dich hilfreich wäre.

Hoffentlich geht es Dir und der lieben Eva im Ruhestand gut. Es würde mir sehr gefallen, mit Euch die heutige Situation in Mitteleuropa zu besprechen.

mit besten Grüßen

Dein

Alfred Traverse

AT/et
Anlage: Photographie

Hunt Institute for Botanical Documentation

Herrn
Dr. G. O. W. Kremp
Palynodate
101 Avenida Carolina
Tucson, AZ 85711

den 27. Juni 1984

Lieber Gerhard!

Hab herzlichen Dank für die Kopie der letzten Nummer von Palynodata (21:1). Ich habe jedoch eben gerade entdeckt, dass ich überraschenderweise schon ein Exemplar dieser Nummer besitze. Daher sende ich Dir das überflüssige Stück zurück.

Mit den deutschen Studien geht es gut. Ich lese jetzt die Werke Kellers. Betty beschäftigt sich diesen Sommer mit den Märchen der Brüder Grimm. Leider werden wir bald aus Pennsylvanien H. Pfefferkorn verlieren. Er hat nämlich eine Stelle an der Heidelberg Universität akzeptiert. Er hat meinem Deutsch sehr geholfen!

mit besten Grussen, auch an Eva

Dein

Alfred Traverse
Professor für Palynologie

AT/et

Hunt Institute for Botanical Documentation

Herrn
Dr. G.O.W. Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85711

den 7. Dezember 1983

Lieber Gerhard!

Es tut mir leid, dass ich Dich wieder um ein Photo für mein Lehrbuch stören muss. Ich hatte nämlich gedacht, ein meiner Dias von Dir gelten würde. Jedoch habe ich eben gerade entdeckt, dass es nicht gehen wird. Hast Du ein Photo, bevorzugsweise ein von Dir bei der redaktorischen Arbeit oder so, das Du mir ausleihen könnte? Entweder Negativ oder Positiv wäre annehmbar, obwohl ein Negativ vielleicht besser wäre. Schwarz-weiss ist besser als farbig--das ist eben mein Problem!

Mit besten Glückwunschen für die Feiertage, auch an liebe Eva,

Dein

Alfred Traverse
Professor für Palynologie

AT.et

Hunt Institute for Botanical Documentation

Herrn
Prof. Dr. Gerhard Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85711

Lieber Gerhard!

Vielen Dank für die Ausleihung des Potonié-photos. Ich habe eine gute Kopie gemacht und lege daher das originelle Photo bei. Ich kann keineswegs versprechen, dass während dieses Projektes ich Dich nicht wieder stören muss!

Hier geht alles gut. Mit einem Student fahre ich in 30 Minuten nach Massachusetts ab. Wir werden nämlich an die nordost-paläobotanische Tagung teilnehmen.

Mit besten Grüssen,

Dein

Alfred Traverse
Professor für Palynologie

AT/et
Beilage

Hunt Institute for Botanical Documentation

Herrn
Prof. Dr. Gerhard Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85781

Lieber Gerhard!

Vielen Dank für Deinen guten Brief vom 4. Oktober, und besonders, dass Du ihn auf Deutsch geschrieben hast! Ich brauche immer die Übung.

Das Photo von Potonié gefällt mir sehr. Ich werde eine Kopie machen lassen und es dann zurückschicken.

Die Bestellung für 20:1, die ich komischerweise eingeschickt habe, verwirrt mich. Ich habe nämlich, wie Du vermutet hast, schon diese Nummer bekommen. Wahrscheinlich ist meine Kopie ausgeliehen worden, als ich noch eine bestellt habe. Diese Erklärung gefällt mir besser als dass ich nur verrückt bin!

Ich möchte mich bedanken für die Beburtstagwünsche. Wir erwarten endlich zwei Enkel (innen), und ich bin daher überzeugt, dass ich jetzt im Alter ziemlich fortgeschritten bin.

Mit besten Grüssen, auch an Eva

Dein

Alfred Traverse
Professor für Palynologie

AT/et

Hunt Institute for Botanical Documentation

PALYNODATA
Dr. Gerhard O.W. Kremp
101 Avenida Carolina
Tucson, Arizona 85711
Tel. (602) 327-2979

October 4, 1983

Herrn Dr. Alfred TRaverse
The Pennsylvanian State University
Deike Building, University Park
Pennsylvania 16802

Lieber Alfred,

Zunaechst moechte ich Dir guten Erfolg fuer Dein Lehrbuch, an dem Du jetzt arbeitest, wuenschen. Es wird sicher eine grosse Hilfe fuer Studenten und Professoren sein, einen guten Leifaden zu haben, nach dem sie sich richten koennen.

Auf Deine Bitte hin lege ich ein Photo von R. Potonié ein, waere Dir aber dankbar, wenn Du es mir gelegentlich zurueckschicken wuerdest.

Kuerzlich erhielten wir eine Bestellung fuer Paleo Data Banks Vol. 20, No. 1 von Dir. Wir sind ueberrascht, dass Du diesen Band noch nicht hast, da wir ihn im Juni an Dich abgeschickt haben. Bevor wir nochmals ein Exemplar von dieser Nummer an Dich absenden, werden wir Deine Antwort auf diesen Brief abwarten.

Viele Gruesse, auch an Deine liebe Frau von Eva und mir.

Beinahe haetten wir vergessen,Dir noch nachtraeglich zu Deinem Geburtstag zu gratulieren; wir tun dies hiermit sehr herzlich und verbinden damit unsere allerbesten Wuensche fuer Dein neues Lebensjahr, vor allem wuenschen wir Dir und all DEinen Angehoerigen Gesundheit und gutes Gelingen in Deiner Arbeit.

Herzlichst,

Dein

Gerhard

Gerhard O.W. Kremp
Professor Emeritus

Hunt Institute for Botanical Documentation

Herrn
Dr. Gerhard Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85711

den 7. September 1983

Lieber Gerhard!

Ich habe möglicherweise schon erwähnt, dass ich ein Lehrbuch für die Paläopalynologie geschrieben habe. Ich arbeite jetzt mit den Illustrationen. Wahrscheinlich wurde ich Dich später wieder stören, aber ich möchte zur Zeit nur fragen, ob Du mir ein Photo von R. Potonié leihen oder geben könnte? Danke vielmals.

mit besten Grüssen, auch an Eva

Dain

Alfred Traverse
Professor für Palynologie

AT/et

Hunt Institute for Botanical Documentation

1 September, 1983

Dr. Gerhard O. W. Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85711

Dear Gerhard:

Betty and I would of course like to join all of your old friends and colleagues in greeting you as you embark on an eighth decade of life!

My first recollection of a direct connection with you was in 1955, when Bill Spackman told me you were coming to Penn State ans asked for suggestiong as to what you might be encouraged to do here. Knowing something of your background, I suggested you start a catalog of fossil spores and pollen, along the lines of the AMNH catalogs. Perhaps others had the same idea, but I have always thought that conference was the conception of CFSP. It was CFSP, of course, that originally brought me to Penn State. I am reminded every day that you were a direct predecessor of mine here by the curious brass counting-wheel you had welded to the mechanical stage of a Leitz Ortholux microscope. The scope now is shared by several of my graduate students and is used constantly.

Later, of course, I remember very pleasant times with you and Eva in State College, Tuscon, and at meetings around the world, even though I never acquired a taste for Eva's homemade creamy liqueur! It has been fun to know you, and I do hope there will be further reunions as the shadows lengthen a bit.

All the best.

Yours affectionately,

Alfred Traverse
Professor of Palynology

AT/et (who also sends greetings!)

Hunt Institute for Botanical Documentation

PALYNODATA

101 Avenida Carolina
Tucson, Arizona 85711
Tel. (602) 327-2979

Gerhard Kremp

April 15, 1983

Dear Colleague:

In the manner of academic institutions and commissions, we would like to initiate an honorary pamphlet for our colleague, Dr. Gerhard O. W. Kremp, in celebration of his 70th birthday anniversary, 14 November 1983, and in recognition of his 43 years as researcher, teacher and crusader in the vital field of Palynology

Your letter of appreciation covering some facet in which you have shared knowledge with or been helped by Dr. Kremp would be most welcome. We are all indebted to him for his unstinting efforts to bring Palynology from a minor role to a major one.

Dr. Kremp's association with eminent palynologists such as Dr. Robert Potonié, Professor Gunnar Erdtman, and Paul Thomson prompted a desire to bring together the available pre-Pleistocene palynological literature for worldwide distribution. The data retrieval research project, of which he has been the director for some 15 years, is the working result of that desire. PalynoData, the receiving and distributing link of this project, has enabled many of us to share methods and interpretations of our research with one another.

Through newsletters, annotated references, and his own comprehensive reviews, Dr. Kremp has woven a strong bond between industrial and academic research groups, and has set a pattern for the sharing of information from which we all gain.

Now that he is a professor emeritus in the Department of Geosciences, University of Arizona, Dr. Kremp is devoting more of his time and effort toward smoothing the way to public access of the computerized data gathered by the research project.

Please forward your letter to the following address no later than 15 September 1983:

Dr. Nicéa Trindade-Wilder
101 North Avenida Carolina
Tucson, Arizona 85711, USA

PS: Handwritten letters in the language easiest for the author will be acceptable.

Sincerely yours,

Nicéa Trindade-Wilder

Nicéa Trindade-Wilder
Coordinator

Hunt Institute for Botanical Documentation

PALYNODATA
101 N. Avenida Carolina
Tucson, Arizona 85711

March 4, 1983

Dear Dr. Traverse:

Thank you very much for the publications which you recently sent to me. I was very pleased to receive your publication "Response of World Vegetation to Neogene tectonic and climatic events". I shall be pleased to include this in my research compiling.

Thank you again for Dr. Van Campo's paper also. Your cooperation in sending these is very much appreciated.

Your paper gives a very fascinating summary of the Late Neogene Climate (and most important based on vegetational records). Thanks!

Thanks again,

Sincerely

Leonard

GOWK/kb

Hunt Institute for Botanical Documentation

Herrn Prof. Dr. G.O.W. Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85711

den 14. Juli 1982

Lieber Gerhard!

Vielen Dank für Deinen guten Brief vom 17. Juni. Es freut uns sehr, Gelegenheiten zu haben, die schöne deutsche Sprache zu üben. Ich lese täglich mindestens eine Halbstunde Deutsch, aber ich brauche mich mündlich an die Sprache zu gewöhnen. Briefe sind fast so gut wie Unterhaltungen, weil man unterdessen vor sich hin spricht!

Wir sind nur vorgestern von Kalifornien zurückgekommen. Vielleicht habe ich vorher erwähnt, dass ich die Dinoflagellaten-Vorlesungen von Evitt nehmen würde. Es war schwere Arbeit aber auch viel Spass.

Ein Umschlag von Palynodata liegt noch ungeöffnet auf meinem Schreibtisch. Ich muss eine Haufe von Briefen zuerst beantworten. Allerdings, vielen Dank.

mit herzlichen Grüssen, auch an liebe Eva

Dein,

Alfred Traverse (ich möchte in der deutschen Sprache "Alfred" sein)
Professor für Palynologie

AT/et

Hunt Institute for Botanical Documentation

PALYNODATA

Dr. Gerhard O.W. Kremp
101 Avenida Carolina
Tucson, Arizona 85711
Tel. (602) 327-2979

June 17, 1982

Dr. Alfred Traverse
435 Deike Building
Pennsylvania State University
University Park Pa. 16802

Dear Al,

Excuse me for overlooking the formal address in my last letter to you; I had asked Kay to write it and when I found it on my desk, I just signed it. Of course I will be glad to receive your future letters in German; as a matter of fact, perhaps I should write to you in German also.

Eva hat inzwischen die beiden Paleo Data Banks Baende, die Du bestellt hast, an Dich abgeschickt. Sie freut sich, dass sie ein neues Abonnement durch Dich bekommen hat und wird Dir No. 18, das jetzt in Druck ist und vielleicht schon im naechsten Monat aus der Presse kommen wird, so bald wie moeglich schicken.

Ich habe mich an NOri gewandt mit der Bitte um Photokopien von den Veroeffentlichungen, die Du in Deinem Brief vom 8. Juni erwaehnst. Ich hoffe, sie wird keine Schwierigkeiten haben, sie an uns zu schicken.

Wir gratulieren BEtty zu ihren Fortschritten im STudium der deutschen Sprache; bitte gruesse sie herzlich von Eva und mir und sei selbst vielmals gegruesst von

mit dem alten Deutsche Bergmanns Gruss
(in Gotic)
Glück auf!
Dein Gerhard

Hunt Institute for Botanical Documentation

8 June, 1982

Dr. Gerhard Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85711

Dear Gerhard:

In yours of 20 May I have slipped to "Dr. Traverse". Oh well, could be worse. Re "Triassic-Jurassic palynofloras"--that's an ongoing project. Rest assured, you get all publications as they come out! The only recent things in that project are:

Ash, S.R., R.J. Litwin & A. Traverse, 1982 (in press, Palynology 6). The Upper Triassic fern Phlebopteris smithii (Daugherty) Arnold and its spores.

Litwin, R.J., A. Traverse & S.R. Ash, 1980 (abstract). Spores from compressed fern megafossils of the Chinle Formation--a preliminary report. Am.S.P. 13th Annual Mtg., Program & Abstracts, p. 23.

Robbins, E.I., 1982. 'Fossil Lake Danville':the paleoecology of a late Triassic ecosystem on the North Carolina-Virginia border. unpub. Ph.D. Thesis, Pennsylvania State University.

Robbins, E.I. & A. Traverse, 1980. Degraded palynomorphs from the Dan River (North Carolina)-Danville (Virginia) Basin. Carolina Geol. Soc. Field Trip Guidebook, October 11-12, 1980, pp. B-X-1 to B-X-11.

None of these generated reprints, of course.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

8 June, 1982

Dr. Gerhard Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85700

Dear Gerhard:

From your Palynodata price list recently received with the complimentary copy of No. 17, I note that I don't have Nos. 15 & 16. Could you please send them to me? I enclose a check for $36, less $7.20, = $28.80--I gather I would get 20% discount as a"subscriber", as I indeed would like to be.

All the best. We are experiencing about the 23rd straight day with heavy rains no less than 24 hours apart. I am about to "bag" all efforts at gardening for this year.

Regards to Eva.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

P.S. Darf ich zukünftig Dir auf Deutsch schreiben? Es wäre eine ungewöhnliche gute Gelegenheit, mein Deutsch zu üben. Ich könnte leicht alles verlernen. Letztes Jahr habe ich in der Schweiz sogar Vorträge auf Deutsch gehalten. Es wurde gesagt, dass trotz meinem starken Akzent ich verständlich gewesen bin.

encl: order form
check for $28.80

Hunt Institute for Botanical Documentation

21 May, 1982

Dr. G.O.W. Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85711

Dear Gerhard:

Many thanks for "No. 17". As always, this will be very useful to me and my students. It is kind of you to send me a complimentary copy!

All goes well here. I have now 6 graduate students, but am having terrible problems raising $ to support them!

As I write, Betty is taking the final exam in "German 3"--I much improved my German in Switzerland (which is hard to do!), and Betty wants to be able to join in the conversations the next time around.

Summer is here--no spring at all this year. I am plowing and planting, including European things we liked, such as Fenchel and Cichorie (I am not sure that's right; it's what they called it in Switzerland--sort of an endive), of which I smuggled seeds! I still recall with such fondness visiting you here so many years ago in summer.

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

PALYNODATA
101 N. Avenida Carolina
Tucson, Arizona 85711

May 20, 1982

360

Dear Dr. Traverse:

While reading the Bibliography of American Paleobotany, 1980, I noticed mention of a paper of yours which was still in progress at that time:

"Several Triassic-Jurassic palynofloras in North America".

I am writing to ask you if this has been published as of now, and if so would it be possible for me to receive a copy? I would like to include this in my research project.

Any assistance you may offer me in getting a copy for me would be greatly apprecaited.

Sincerely yours,

Gerhard

Gerhard O.W. Kremp
Professor Emeritus

GOWK/kb

Hunt Institute for Botanical Documentation

12 January, 1981

Dr. G.O.W. Kremp
Palynodata
101 N. Avenida Carolina
Tucson, AZ 85711 USA

Dear Gerhard:

Greetings from Switzerland!

In my Neogene work here I have been using my copy of PDB-9 very often. As a result of using it in the library I have a few comments and suggestions you may wish to consider in the future:

1. Outright mistake. There seem to be (Gott sei Dank!) very few of these. But on p. 31, item 34^2, the correct volume no. is 31, not 21.

2. Proposal: you should have a list of all your more unusual abbreviations, and translations of journal names--perhaps as a separate booklet (of course, it would be more helpful as an extra page in the volume). The librarian and I have had a jolly time trying to figure some things out--e.g.:

   a. "Geol. Yrbk. Balkan Penin." You'll never find it that way! The front cover does carry in French in addition to the original Cyrillic title, "Annales Géologiques....", so, "Ann. Geol...." will work in some catalogues, not in others. In our catalogue, "Belgrad" was actually the key word. It really is too bad that we can't use Cyrillic as is: then there would be no problem except ignorance.

   b. (no. 311) "Ann. Inst. Geol. Hungar" is just impossible, at least in European libraries. Should be carried as "Magyar Allami Foldt. Int." Why not, as the title is in Latin letters?

Very best wishes to you and Eva for the New Year!é

Yours very truly,

Alfred Traverse
Visiting Professor

AT/et

Hunt Institute for Botanical Documentation

PALYNODATA
101 N. Avenida Carolina
Tucson, Arizona 85711

20 Jan 1981

Dear Al:

Your letter, 12 inst, received and suggestions duly noted. We plan a supplement to cover newly-received publications, and can probably work up inserts for the "unusual" abbreviations and Journal titles.

Glad the reference work has proved useful - you're a good PR man for our project!

Best of '81 and best regards,

Eduard Kremp

Dr. Alfred Traverse
Visiting Professor
Ecole Polytech Fèdèrale
Zurich
Institut de Gèologie
Sonneggstrasse 5
Zurich, Switzerland

Hunt Institute for Botanical Documentation

18 September, 1980

Dr. G.O.W. Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85714

Dear Gerhard:

Thanks so much for your kindness in sending me No. 14 of your bibliographic work--very useful indeed.

I am urging our library to subscribe to the whole set as soon as possible. I just "put the bee on them" to get Cramer's journal, so I may seem importunate!

All the best to you and Eva--wish you weren't so far away.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

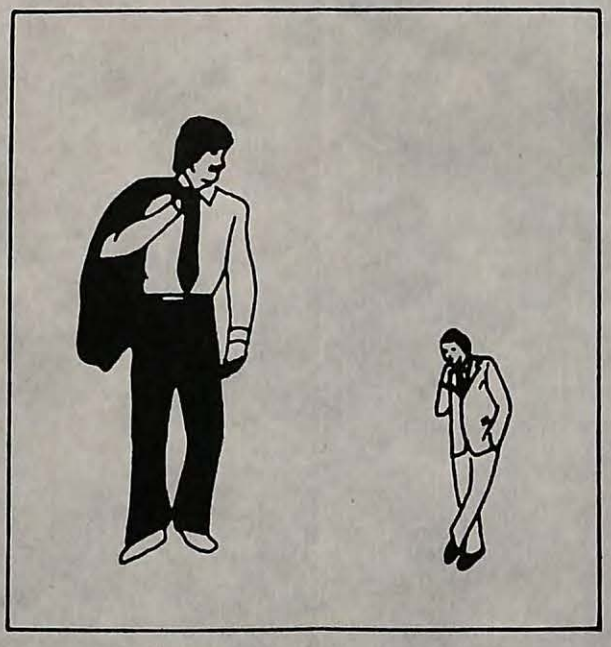
Hunt Institute for Botanical Documentation

PALYNODATA

Dr. Gerhard O.W. Kremp
101 Avenida Carolina
Tucson, Arizona 85711
Tel. (602) 327-2979

file as a letter

Sept., 1980



PALYNOLOGIST TALKING TO A MICROPALEONTOLOGIST

(COURTESY OF CAP NEWSLETTER)

Dear Colleague:

Who is who in the above caricature?

Based on your knowledge of the tremendous success and proven usefulness of palynology, you probably would agree with me and with the editors of the Newsletter of the American Association of Stratigraphic Palynology who recently reprinted this cartoon which appeared originally in the Newsletter of the Canadian Association of Palynologists.

Yet let's not fool ourselves. We are still considered by many people as the under-dogs and it seems that some people never have heard of us (e.g. the authors of "Jurassic Paleobiogeography of the Conterminous United States in its Continental Setting," Geol. Survey Prof. Paper 1062, 1980, to cite only one example).

The impact of Palynology has long been underrated. It is time to change this image. You are in a key position to help:

1. Please urge your library to subscribe to Palyno Data Banks now. Paleo Data Banks is a series of annotated references to palynological publications that are the result of world-wide research efforts.

Through availability of the Paleo Data Banks issues in libraries of universities and other institutions, colleagues and students can fully utilize the wealth of this information.

2. Please send us your publications so that they can be incorporated in our program.

As always we are grateful for your past support.

Sincerely,

Gerhard O.W. Kremp

Gerhard O.W. Kremp
Professor

P.S. If your library has already subscribed to our service, please disregard this plea.

Hunt Institute for Botanical Documentation

29 July, 1980

Dr. G.O.W. Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85714

Dear Gerhard:

Many thanks for the Jurassic reference volume (Vol. 13)--I am delighted to have it. It included a slip noting that it is complimentary, and I am very grateful to you for your kindness!

Good to see you and Eva in Cambridge--what fun the meeting was!

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Hunt Institute for Botanical Documentation

PALYNODATA

Dr. Gerhard O.W. Kremp
101 Avenida Carolina
Tucson, Arizona 85711
Tel. (602) 327-2979

Sept. 26, 1978

Dr. A. Traverse
The Pennsylvania State University
College of Earth and Mineral Sciences
University Park, Pennsylvania 16802

Dear Al:

Thank you for your letter of Sept. 12. I am sorry you had to pay some additional postage. We inquired at the post office here and they assured us again, that printed matter can be sealed. The problem must have occured with the one issue where we enclosed the statement. I am certainly glad to know about it. Before we repeat this procedure we will check with our post office to make sure that we follow the regulations.
Thank you for calling our attention to this matter.

With best regards,

sincerely yours,

Gerhard

Gerhard O.W. Kremp
Professor

Hunt Institute for Botanical Documentation

22 September, 1978

Dr. Gerhard Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85714

Dear Gerhard:

Latest development on the Phoenix meeting is that I do now plan to attend. Therefore it would be possible to have the private meeting with Professor Huang, mentioned in a previous letter you sent me. (I also have a copy of Professor Huang's letter to you dated 22 July, 1978.) See you in Phoenix.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Palynology
President, ICP

AT/et
P.S. I suppose you will have heard about Jim Schopf's death. By very odd coincidence, per the enclosed obituary, I was in Columbus and conducted Jim's funeral in my capacity as an Episcopal priest.

encl: copy of obituary

Hunt Institute for Botanical Documentation

12 September, 1978

Dr. G.O.W. Kremp
Palynodata
101 Avenida Carolina
Tucson, AZ 85711

Dear Gerhard:

As you can see from the enclosure, there is a problem if the items from Palynodata are sealed. They don't often get "picky" about this, but sometimes do with costly results. Your envelopes should be clasped but not sealed if you want to avoid first class rates. Just a word to the wise.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et
encl: postal item

Hunt Institute for Botanical Documentation

Ella Kemp

Publications of PALEO DATA BANKS:

No. 1 1971, *Newsletter.* 2 pp. (out of print)

No. 2 1971, *Newsletter.* 2 pp. (out of print)

No. 3 1972, *Newsletter.* 5 pp. (out of print)

No. 4 1973, *Newsletter.* 1 p. (out of print)

No. 5 1973, *Progress in the Computerization of Palynology.* 4 pp. (out of print)

No. 6 1976, *Progress Report of Palynological Computerization,* Spring 1976. 2 pp.

$11.- ___ No. 7 1977, *Part I. The Positions and Climatic Changes of Pangaea and Five Southeast Asian Plates during Permian and Triassic Times.* 21 pp., 8 figs.

Part II. Twelve Hundred Annotated References Concerning the Upper Pennsylvanian to Triassic Literature in Palynology. 108 pp.

$ 9.- ___ No. 8 1977, *Lower Cretaceous Palynological Literature: Six Hundred Implemented References.* 61 pp.

$ 8.- ___ No. 9 1978, *Pliocene Palynological Literature: Five Hundred Implemented References.* 50 pp.

$ 9.- ___ No. 10 1978, *Devonian Palynological Literature: Seven Hundred Implemented References.* 66 pp.

No 11 ——————> U. Cretaceous

$ 10.- ~~No. 11~~ (in preparation) *Part I. The Impact of Paleobotany and Palynology on the Stratigraphy of the Permian and the Pennsylvanian-Permian Boundary Worldwide. Part II. Additional Implemented References to the Palynology of the Permian and the Triassic.*

No. ~~12~~ (in preparation) *Part I. The First Appearance of Tricolpate Dicotyledonous Pollen Worldwide. Part II. Additional Implemented References to the Palynology of the Lower Cretaceous.*

prices include handling and shipping

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
COLLEGE OF EARTH AND MINERAL SCIENCES
UNIVERSITY PARK, PENNSYLVANIA 16802

Department of Geosciences
Palynological Laboratories

Area Code 814
865-2342

9 August, 1978

Dr. G. O. W. Kremp
101 North Avenida Carolina
Tucson, AZ 85711

Dear Gerhard:

Thank you so much for the copy of #9 of your implemented references. You mention that the books may be purchased, and I wonder if you would send me something about the price, as I would like to order the numbers that I don't have. Looking forward to hearing from you about the price so that I can get a requisition out, and with very best wishes, I am

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/et

Dear Al,
Please find enclosed a price list for the copies of Paleo Data Banks. No. 11 is almost ready to be published. It will be on the Upper Cretaceous literature; The Impact of Paleobotany and Palynology .... will follow later.

Looking forward to your order

I am
sincerely yours Gerhard

Hunt Institute for Botanical Documentation

PALYNODATA
Dr. Gerhard O.W. Kremp
101 Avenida Carolina
Tucson, Arizona 85711
Tel. (602) 327-2979

August 3, 1978

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

Dear Al,

I thought it might be best to forward Dr. Huang's letter which I just received directly to you so that you can start already considering his request. I have known Dr. Huang for many years and I can say, that I am very much impressed with his knowledge and his enormous scientific activities.

I am also enclosing a letter and xerox copies from two transcripts from Duck Choi, a student from Korea. As I am going to retire from the U of A the end of this year, I won't be able to accept him as a student. I am sure that you will be an excellent advisor for him.

Looking forward to seeing you in Tempe in a couple of months.

Sincerely yours,

Gerhard

Gerhard Kremp

enclosed: 2 letters, 2 c. copies, 2 transcripts

Hunt Institute for Botanical Documentation

THE PENNSYLVANIA STATE UNIVERSITY
DEIKE BUILDING
UNIVERSITY PARK, PENNSYLVANIA 16802

College of Earth and Mineral Sciences
Department of Geosciences
Palynological Laboratories

Area Code 814
865-6543
865-2342

September 3, 1976

Dr. G.O. W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thank you so much for yours of 23 August. I am very happy to have the copies of the missing pages from Krutzsch's atlas which were missing from my copy. If I can remember, when I finally get a hold of Biswas, 1962, I will make a copy of page 41 for you also. Thank you also for the advice to contact Hilde Grebe. That should certainly handle the question.

Thank you also for your good wishes. We are even more torn up now then when I last wrote you because the completion of our house in Huntingdon has been still further delayed.

Best wishes to you and Eva.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:kc

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
LABORATORY OF PALEOENVIRONMENTAL STUDIES
TEL. (602) 884-3603

August 23, 1976

Dr. Alfred Traverse
College of Earth and Mineral Sciences
The Pennsylvania State University
University Park, Penna 16802

Dear Al:

In response to your letter of August 6th, I would suggest that you contact Dr. Hilde Grebe, Geologisches Landesamt, Nordrhein Westfalen , 415 Krefeld, de Greiffstr. 195. I am sure she will be able to help you. At the same time you may ask her about Vol. VII of the synopsis which has been published in 1975 and in which you will probably also be interested.

I wish you the very best for your new parish assignment and and I hope that you and your family will be happy in your new home in Huntingdon and that the settling process will soon be finished. I can well imagine that it has been a rather unpleasant situation and that it will still take a while until you really feel at home again.

Sincerely,

yours

Gerhard

Gerhard O.W. Kremp
Professor

P.S. In your letter of Aug. 9th you asked about 41 of Biswas, 1962 (Bull. Geol. Min. Met. Soc. India) Unfortunately this page is missing in our copy, too. The two pages which were missing in your copy of Krutsch's Atlas (1962) I am enclosing.

Hunt Institute for Botanical Documentation

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865-6543
865-2342

August 9, 1976

Mr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Re your letter of 22 July: unfortunately, I was wrong about the Krutzsch 1970 article -- the one I got was not the one with *Aachenipollis* -- woe.

Two other problems with which you could perhaps help:

1. My copy of Biswas, 1962 (Bull. Geol. Min. Met. Soc. India) is missing page 41.

2. My copy of Krutzsch's volume I of his Atlas (1962) is missing pp. 11-12.

Could you provide me with xeroxes of these three pages?

All the best.

Yours very truly,

Alfred Traverse
Professor of Palynology

Hunt Institute for Botanical Documentation

August 6, 1976

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, AZ 85721

Dear Gerhard:

Could you tell me how to go about purchasing Synopsis der Gattungen....VI (1970)--Beihefte...94.? Somehow I missed out on getting this to make my collection complete (I have I-V bound in red covers.) Is it still in print? From whom does one order?

All the bestw

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

P.S. My parish assignment has been changed to Huntingdon (31 mi.)--I'm vicar--and we have moved there--very upsetting temporarily (I hope).

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

July 22, 1972

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

Dear Al:

I've been meaning to mention the Krutzsch article in my last couple of letters and kept forgetting it. I'm glad that you were able to find a copy of the article through Interlibrary Loan. Would it be too much trouble for you to send me the name of the article and the journal it was published in so that I could get a copy of it for our PalynoData Bank?

Thanks for the help.

Sincerely,

Gerhard O.W. Kremp
Professor

done
Beety - please ✓ correct. records. To find out about this - I don't know what for - ask Peter - about A.

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

May 4, 1976

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

Dear Al,

Thanks for your letter of April 19 and for your "big order". As the last goes I found a student who is able and willing to handle it, but not before the 17th of May, that is after her finals are over. I promised her $3.00 per hour. Photocopying costs at this time are only 4¢ per page. Do you want also photos of the plates? I believe not, as you did not mention it. For us it would be "one wash".

Best wishes,

Yours,

Gerhard

Gerhard O.W. Kremp
Professor

GOWK:sb

Hunt Institute for Botanical Documentation

xxxxx

April 19, 1976

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, AZ 85721

Dear Gerhard:

Thanks for yours of 30 March. In the meantime, Dr. Zaklinskaya has written me saying that she is sending a copy of the paper in question, so forget it. I also have succeeded in turning up a copy of the Krutzsch article which I needed via Interlibrary loan.

In the meantime, you will have received from me a request for some other papers, some of which you may be able to provide. I hope! So just forget the previous request! Happy Easter.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

Hunt Institute for Botanical Documentation

April 1, 1976

Dr. Gerhard O.W. Kremp
Dept. of Geosciences
University of Arizona,
Tusson, Arizona 85721

Dear Gerhard:

This will be quite an order, and I would have no objections to your charging us so much a page (or whatever).

Could supply xerox copies of the following articles? (In each case I provide all-sometime fragmentary--I have about the article.)

1. Article by Krutzsch, 1970, in which *Aachenipollis* was published.

2. Article by Sahn, 1967, in which *Acanthaceidites* was published.

3. Article by E. Nagy, 1969, in which *Aceripollenites* was published.

4. Article by Baksi, 1962, in which *Acolporipites* was published.

5. Article by Nakoman, 1966, (Ann. Soc. Geol. Nord) in which *Aequitriradisporites* was published.

6. Article by Biswas, 1962, in which *Alismataceaepites* was published.

7. Article by Ergonül, 1961 in which *Amrasaipollenites* was published.

8. Article by Cramer, 1966, in which *Amicosporites* was published.

9. Article by Freudenthal, 1964, in which *Angustisulcites* was published.

10. Article by Kedves & Rakosy, 1959, in which *Apicrassizonosporites* was published.

Hunt Institute for Botanical Documentation

11. Article by Levet-Carette, 1964, in which *Applanopsipollenites* was published.

12. Article by Romanovskaya, 1963, (Paleont. Zhurnal) in which *Asaccites* was published.

13. Article by Luber, 1955, in which *Asterocalamotriletes* was published.

14. Article by Danze & Laveine, 1962, in which *Aurorapollenites* was published.

15. Article by Luber, 1938, in which *Azonaletes* was published.

16. Article by Ouyang, 1964, in which *Balteusispora* was published.

17. Article by Agralietal, 1965, (Ann. Soc. Geol. Nord.) in which *Bellisporites* was published.

As I said, I realize this is a "big order"--hope you can help. Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
LABORATORY OF PALEOENVIRONMENTAL STUDIES
TEL. (602) 884-3603

March 30, 1976

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

Dear Dr. Traverse:

I received your letter requesting the Zaklinskaya, 1957 article. I have a Xerox copy that I cannot release from my library. It is 178 pages long and has 17 plates. I don't think that Xerox copies from a Xerox copy would turn out very well. You don't mention what you need it for. If it is some written information for you , then I can probably find the information and Xerox the pages relevant to your queries. If it is copies of the plates; we can try to Xerox them for you and see how they turn out.

I have researched all of the articles we have by Krutsch and we have no article of his containing Aachenpollis in any year. If you could give me any more information on it, I'll try to find copies of it for both of us. I'm sorry I can't be of more help to you in this matter.

Let me know what you would like to do about these matters, and I'll be glad to help you.

Sincerely,

Gerhard

Gerhard O.W.Kremp
Professor

Hunt Institute for Botanical Documentation

February 27, 1976

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, AZ 85721

Dear Gerhard:

Thanks for yours of 30 December regarding Volume 40 of the Catalog. I have defefred answering the letter until all of the comments were in and have been treated. There were a number of typographical errors discovered by the members of the committee, but apparently nothing really serious. Thanks as always for your help.

Yours very truly,

Alfred Traverse
Professor of Palynology

Hunt Institute for Botanical Documentation

PALYNODATA

Dr. Gerhard O.W. Kremp
101 Avenida Carolina
Tucson, Arizona 85711
Tel. (602) 327-2979

February 12, 1976

Dr. Alfred Traverse
Department of Geosciences
Deike Building
Pennyslvania State University
University Park, Pennsylvania 16802

Dear Al:

I could find nothing wrong with your handling of Malyavkina 1949 and 1953, so thoroughly researched and treated as they are. For instance, the problem with Dipteridaceaeauritulina obtusior is explained in the footnote.

I hope you have taken my silence for approval. The Catalog volume does raise a problem with our data sheet rendition of Malyavkina 1949 (which was 2,000 articles back).

Sincerely yours,

Gerhard

Gerhard O.W. Kremp
Professor

GOWK:jw

+PS. I am very sorry that we missed your "Final" date of Jan. 10. We had checked your manuscript-copy already in December, but puzzled so much about our own Data Sheets of Malyavkina 1949, which were done already several years ago, but were based on the only evidence we had at that time - her tables - that we completely forgot your manuscript. (Our woes are not solved yet....)

Hunt Institute for Botanical Documentation

PALYNODATA

Dr. Gerhard O.W. Kremp
101 Avenida Carolina
Tucson, Arizona 85711
Tel. (602) 327-2979

Dec. 30, 1975

Dr. Alfred Traverse
529 Deike Bldg.
Pennsylvania State University
University Park, Pa. 16802

Dear Al:

By coincidence Eva had compiled Malyavkina 1953 only a short time ago for the Data Retrieval Project. A page by page check with your new Vol. 40 of the Catalog matched just about perfectly and assured us of no typographical errors of our taxon spellings. We corrected our range for Cyclina punctata to conform to yours and found another stratigraphical error of ours. For Circella exilis (p. 126) we added L. to the Liassic as the translation goes "Rhaetian and the following layers of Triassic," i.e. progressing from younger to older or top to bottom. In the case of the Liassic, Lower of course has some significance.

We understand your explanation for Dipteridaceaeuritulina obtusior stricta. This didn't affect our listing as we had simply given both formas but we did correct the plate description on our book copy. I'm sure it was a mistake on the part of the author.

We had once compiled Malyavkina 1949 using only the tables which was all we had. Since then we acquired a xerox copy of the book but had noted to leave it until the Catalog came out with it. So with your help now we will add the book. In the process, will check the Catalog but I doubt if we find any mistakes to report.

Sincerely,

Gerhard

Gerhard O.W. Kremp

GOWK:jw

Hunt Institute for Botanical Documentation

Kremp Palynologic Data Retrieval
Research Project

Dec. 23, 1975

Dear Dr. Traverse:

I'm glad to say chances were fine! -- we had the 1951 Kalibova and are today sending a xerox copy. If you need real photos of the plates, we can have that done separately at UA "Graphics", but at some expense.

Best wishes,

Judith Wilder

for Dr. Kremp

Hunt Institute for Botanical Documentation

December 12, 1985

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, AZ 85721

Dear Gerhard:

How are chances of a photo-copy of Kalibova, M., 1951, "Megaspores of the Radnice Coal Measure Zone of the Kladno-Rakovnik Coal Basin--Geol. Surv. Czechoslovakia 18 (Pal.) 21-83"?

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT:jb

Hunt Institute for Botanical Documentation

March 19, 1975

Dr. Gerhard O.W. Kremp
Dept. of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thanks for yours of 12 March with the sad news that you are not able to "deliver the goods" in the way that we had hoped. I am taking your advice of contacting Ken Piel with the same request and hope that it pans out. I am very grateful that you were able to get to meet Sally while she was in Tucson. She and Charles (her husband) phoned me a day or two ago to inquire about my progress from the knee surgery and told me how much they had enjoyed meeting you and Dr. Corna. By the way, I wrote her from the hospital indicating my eagerness to meet her while she is in this country, and I hope it got through to her. Do you know? I hope she understood that it wasn't lack of interest that delayed my answer but only my hospitalization.

Very best wishes to you and Eva.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

P.S. I wonder if you got to hear Sally perform while she was in Tucson? She has a fantastic soprano voice, and told me that she was doing a solo in the St. Matthew's passion sometime this week. Maybe you got to hear it if you didn't have other obligations.

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

March 12, 1975

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

Dear Al:

In your letter of February 2i you are asking for something which I had hoped I could do already by now. However, we have not gotten the money yet for the key-punching and the tape. I hope it will not be long before we will be able to take care of this part of our program, too.

At the time being I suggest that you ~~that you~~ direct your request to one of the oil companies. I am sure that for instance Geoarge Fournier or Ken Piel will be glad to help you.

We enjoyed very much meeting your sister Sally and her husband; thank you for telling us about their stay in Tucson.

Dr. Corna is still with us; she certainly is a very experienced and hard-working scientist. I am sure you will enjoy her as much as we did. She told us about the knee-surgey you had to undergo. I am sorry to hear that and wish you a speedy and complete recovery.

Sincerely yours,

Gerhard

Gerhard O.W. Kremp
Professor

Hunt Institute for Botanical Documentation

February 21, 1975

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Just a possibility of possible use of your data retrieval project--how could we go about getting a complete print out of all specific names in the German literature between 1930 and 1953? This should give us practically all the names employed in one way or another in Thomson and Pflug, 1953, which is the aim of the request Would there be a charge for this, and how does one go about making a formal request if this letter is not sufficient?

Best wishes to you from snow-bedecked Nittany Valley!

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

November 22, 1974

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

Dear Al:

I think you have made a very ambitious and successful critical research on Maljavkina and I could not approach the result of your work--Vol. 39-- with any idea of corrections unless I gave as much effort as you did to the publication.

We will re-compile this paper for the Project using the Catalog as the reference citation as soon as it comes out in published form.

I offer only one spelling correction noticed on the second page of the Preface: enumerative. You have probably already caught it (one "n" instead of two).

Sincerely,

Gerhard

Gerhard O. W. Kremp
Professor

jw

Hunt Institute for Botanical Documentation

October 7, 1974

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Rrizona
Tucson, Arizona 85721

Dear Gerhard:

Under separate cover we are sending you a "proof" copy of Volume 39 of the *Catalog of Fossil Spores and Pollen*. Will you follow previous procedures by sending us ~~back~~ pages which you feel need corrections, along with an explanatory letter? We would very much like to have your critique by mid-November.

You may have been wondering what has been happening with Volume 38. It came back from the printers about six months ago, but we have been unable to obtain the binders from the General Binding Corporation despite pleas, threats, and prayers. The current lie is that they will be delivered on 9 October. Once we get this order filled, we are taking our business elsewhere.

Looking forward to hearing from you about Volume 39 as soon as possible, and with best wishes I am

Yours very truly,

Alfred Traverse
Editor

AT/vsi

Hunt Institute for Botanical Documentation

July 8, 1974

Dr. G.O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thanksyou so much for yours of 26 June, with the nice note appended from Eva. I'm so happy that you will write the obituary for Potonié and only regret that the thought didn't occur to me sooner. I hope that you can get it in to Dr. Stafleu as soon as possible. You can get his address (on the long chance you don't already have it!) from the copy of the letter to him which I enclose.

We also enjoyed Noel de Jersey's visit. The only difference that the change in plans made was that we had unfortunately scheduled his public lecture for Monday, and we had to move it to Wednesday. I don't think it made any difference to the attendance or anything, and, truth to tell, Tuesday through Thursday was really long enough to see the palynological sights of this part of North America. We did our best to show him a good time.

Best wishes to all of you from Happy Valley!

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi
Enclosure: copy of letter to Stafleu

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
LABORATORY OF PALEOENVIRONMENTAL STUDIES
TEL. (602) 884-3603

June 26, 1974

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

Dear Al:

I just received your letter of June 17. Of course I will be glad to write an obituary for Taxon about Prof. Potonié. He was not only my teacher whom I will always honor and respect but also my very dear friend. Therefore I consider it an honor and appreciate the fact that you asked me to write such a piece. Thank you very much for sending me the Curriculum Vitae which Hilde Grebe had enclosed in her letter to you. I am sure it will be as helpful to me as it was to her.

In the meantime you will have had Dr. de Jersey visting you and your lab. We enjoyed so much having him here with us; unfortunately he had allowed very little time for his stay in Tucson. Since he very much desired to see the Grand Canyon I took the liberty of encouraging him to change his schedule a little. I hope you did not mind. I tried to get the number of your home telephone last Saturday but found that the number the operator gave me was not in operation. So I called Bill Spackman's home and talked to Chuck who was the only one home at the time. I hope very much that this change of schedule was not an imposition and did not complicate things for you.

With best wishes to you and all the gang,

Sincerely,

Gerhard

Gerhard O. W. Kremp

Greetings and best wishes to you and Betty,
Ida.

P.S. He forwarded the request for "the Spores of the Pteridophyta" to the Hirokawa Company in Tokyo.

jw

Hunt Institute for Botanical Documentation

June 17, 1974

Dr. G.O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Jim Schopf wrote me sometime ago asking whether it would not be appropriate for Taxon to carry an obituary notice regarding Dr. Potonié, and I wrote Stafleu in my capacity as secretary of the committee for fossil plants of IAPT, suggesting that such a thing should appear. Stafleu wrote me back that he agreed that we should see to it that such a piece is prepared and asked me to find somebody to do it. My first thought was Hilde Grebe because of her latter-day association with Dr. Potonié. However, Hilde has just written me that she already prepared such an obituary for Review of Paleobotany and Palynology and she did not think it was appropriate to prepare yet another one for Taxon. This makes my mind turn immediately to you in the hope that you would be willing to write such a piece. I enclose copies of the material I received from Hilde and hope I can hear from you in the very near future that you would be willing to do this. As soon as I hear from you, I will write Stafleu telling him to expect a manuscript.

Best wishes to Eva and my other friends in Tucson as well as to yourself.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi
Enclosure: copies of correspondence

Hunt Institute for Botanical Documentation

April 17, 1974

Dr. G.O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thanks for yours of 1 March, which has taken me too long to answer. In response to yomm question about the book--I really do feel that the more people who are seen to be using direct references to the CFSP volume and pages, the better news it is for us in terms of funding and so on.

Hoping to see before too long and with very best wishes, I am

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

Eskaek
Fidelity Onion Skin
100% cotton

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

March 1, 1974

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

Dear Al:

Thank you very much for the copy of the Malyavkina book. It will be a valuable addition to my library.

Regarding The Spores of the Pteridophytes, I'm afraid I was so embarrassed and unhappy about the book I didn't dare to make a bad situation worse by referring to the Catalog in the addenda which had to be done very quickly. However, if you feel that the book has some merit, I can certainly include a plug for the Catalog in the second volume by citing the volume and page numbers for each of the species, as you mention in your letter.

Sincerely yours,

Gerhard

Gerhard O. W. Kremp
Professor

GOWK/hg

Hunt Institute for Botanical Documentation

February 15, 1974

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thanks for yours of 29 January on the fancy new stationery, which I much enjoyed. Thank you also for the copy of your book with Kawasacki. It is certainly beautifully illustrated and will be quite useful to have around. I can imagine your embarrassment about the large sections of data which are taken from the Catalog without acknowledgment. I really don't care about the legal aspects of this thing, excepting that there might be difficulties now if we ever were to try to copyright a reprinting of the earlier volumes including the blocks of information in question. However, the sad part is that there was such an excellent opportunity to give the Catalog a "plug" by citing the volume and page numbers for each of the species. Also, I think it would have even increased the usefulness of your book. However, there is no use "crying over spilt milk", and I am not letting this bother me very much.

Thank you again for the handsome present. I only wish you had inscribed it. Perhaps you would be willing to send me a little card or something saying best wishes, etc., which I could then paste in the front of the book. I hope you got the xerox copy of Malyavkina, 1949, all right. Your old friend, Ike Williams, who is employed part time by me, made the copy.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Palynology

AT/vsi

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

January 29, 1974

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

Dear Al:

Before we go any further astray regarding the Malyavkina situation, let me hasten to make amends for what I had intended as a joke: my suggestion that her book had probably been sent to me at Penn State. So, in line with the old Chinese belief as expressed in the I Ching (46 · Sheng) that "if one is sincere it furthers one to bring even a small offering," I am sending you separately a copy of Kawasaki's and my book Spores of the Pteridophytes. You remember I am not particularly proud of it, and you promised not to send me to jail for all the missing information in it.

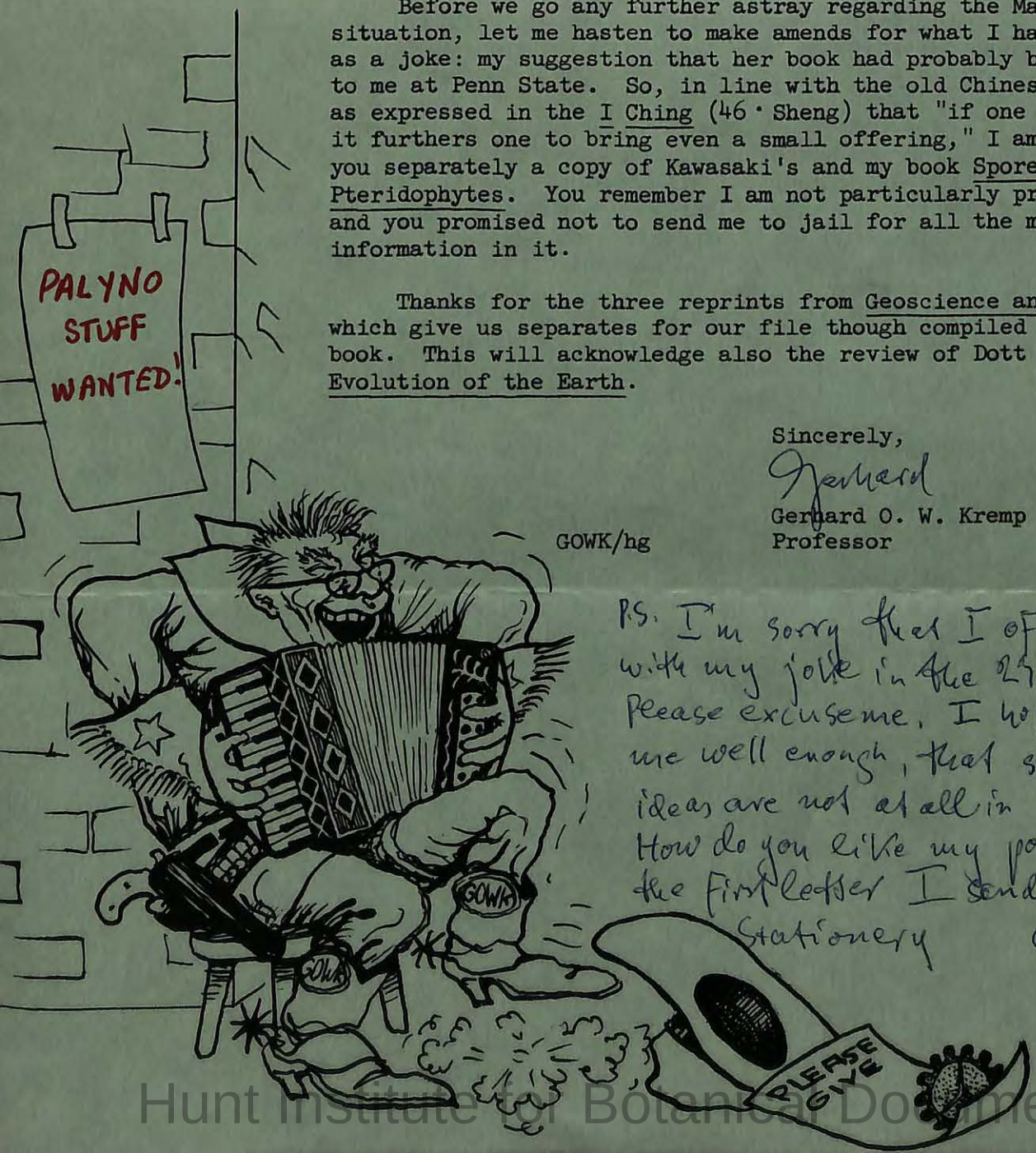
Thanks for the three reprints from Geoscience and Man which give us separates for our file though compiled from the book. This will acknowledge also the review of Dott and Batten, Evolution of the Earth.

Sincerely,

Gerhard

Gerhard O. W. Kremp
Professor

GOWK/hg



P.S. I'm sorry that I offended you with my joke in the 29. Dec. letter. Please excuse me. I hope, you know me well enough, that such mistrustful ideas are not at all in my mind. How do you like my portrait? This is the first letter I send out on this stationery

Gerhard

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PALYNODATA is located at the University of Arizona. This project is designed to be a practical aid to scientists; its success in this respect is shown in the fact that the number of its sponsors (major oil companies) has increased from four to seven since its inception in 1968. It compiles the pertinent information from all available literature on stratigraphic palynology including, as well, pre-Pleistocene pollen and spores, dispersed or in situ, dinoflagellates, acritarchs, calcareous nannoplankton, chitinozoans and other marine microplankton for computerized information storage and retrieval purposes. At present, we have compiled virtually all the papers from the Western world on these palynomorphs, except calcareous nannoplankton which has only recently been added to the list. And the project is growing all the time as palynologists and paleobotanists from all over the world send us their reprints. Sorry, we don't have funds yet to incorporate in our program publications on: diatoms, Pleistocene palynology, and morphology of modern pollen and spores.

Plans are that in several years this project will be available for general use. Until that time the compiled data sheets are available for use only by the sponsoring oil companies and the students at and researchers affiliated with the University of Arizona. We can, however, provide for any interested scientists copies of reprints which we have on file. Photocopies of these papers are available (provided copyright permits) at 12¢ per page (including postage and handling charges) and photographic copies of plates are available from $2.50 to $8.00 per plate, depending on desired quality.

Hunt Institute for Botanical Documentation

January 10, 1974

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

This will acknowledge your two letters of 27 December. I think your suggestion to write directly to Prof. Potonié re Pollenites is a good one, and I am doing that.

Regarding the Malyavkina book, I was naturally somewhat startled by your statement "I thought I should point that Malyavkina's book probably arrived at Penn State because they were trying to send it to me!" The Malyavkina volume was a personal gift to me from Dr. Samoilovich of about two years ago, and I would be glad to send you a xerox copy of the letter from Dr. Samoilovich in which she conveyed the present to me. I honestly don't believe that anything which could in any way be interpreted as intended for you has been made a part of my files. As soon as I can find time to do so, I will have Ike Williams make a xerox copy of the book for you. The problem is that I really need him to be doing other things, and it may take a while to get around to it.

Best wishes to you also for 1974.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

December 27, 1973

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

Dear Al:

I hope you are now in press with Vol. 38 and did not wait for me. As I pointed out in my letter, I do not have a good copy of Malyavkina's book so I could not come up with any good suggestions. I understand your reluctance to part with such valuable books, but I do not have any other Malyavkina publications here. If you would only prepare photocopies of the text and plates, we would pay for it and you would not have to send the hard copies. Otherwise, I would very much appreciate your sending them along for me to copy.

I thought I should point out that Malyavkina's book probably arrived at Penn State because they were trying to send it to me! ... Regarding the material from Cambridge, sure, I will write to Dr. West and tell him that I am here. Please realize though that you may well get some books this way that were really intended for me--like perhaps those of Malyavkina! (I am sure you guessed it already, this was only a daring thought that just came in my mind.)

Have a happy New year!!!

Sincerely your old Kumpel,

Gerhard

Gerhard O.W. Kremp
Professor

GOWK/hg

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

December 27, 1973

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

Dear Al:

This is in reply to your letter of December 13 with the question about if and when Pollenites was validly published. Before I dig in myself on this very touchy problem, I suggest that you write directly to Professor Potonié. As far as I know, he is still working regularly with the Geological Survey of Rhineland Westphalen which is located in Krefeld. Perhaps it would be better to send the letter to his home address:

415 Krefeld
Tendering str. 6

Sincerely yours,

Gerhard

Gerhard O.W. Kremp
Professor

GOWK/hg

Hunt Institute for Botanical Documentation

December 13, 1973

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Tate and I are currently working on a series of "Supplementary Volumes" which will provide new combinations, new names, and other tads of nomenclatural information from the papers covered in volumes 1 to 30--before we begin covering such data.

There is one very thorny problem we have already encountered on which we badly need your advice before we proceed: many genera have been based on species which were originally attributed by Potonié to the genus Pollenites. Tate and I have so far been unable to discover any proof that Pollenites was ever validly published. If it was invalidly published, under the rules none of the species attributed to it were validly published either. As you can imagine, this plays hob with many generic names published by Thomson & Pflug and others.

Will you please let us have the benefit of your counsel as soon as possible so we know how to proceed. Do you have information that Pollenites was validly published? If so, by whom and where?

Looking forward to getting your advice, I am

Yours very truly,

Alfred Traverse
Editor, Catalog of Fossil Spores & Pollen

AT/vsi

Hunt Institute for Botanical Documentation

December 11, 1973

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Just a little bit further regarding your comments on volume 38, we have chewed over the question of a distinctive title for each volume and just cannot come to a decision as to how it might be done. For example, the title of this volume is "Mesozoic Spores and Pollen"--this is practically identical to that of several other volumes. Can you suggest any way that the title could be made distinctive? Simply reversing the order of the words wouldn't do it, would it?

Best wishes to you for the holiday season. Thank you so much for the nice greeting message that you sent us already.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

December 3, 1973

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thanks for yours of 20 November. It isn't clear to me whether we will receive some detailed comments on Volume 38, as well as this letter. If so, I hope you will get them to us soon as we are going to press with this volume.

I greatly appreciate your comment regarding the titles of the volume, and I can see that we have been remiss in this regard and will try to do better in the future.

Regarding Malyavkina's publications, I guess the best way would be to loan you my hard copies, although I am fairly reluctant to let such valuable things get into the U.S. mails. If you will let me know which Malyavkina books you need, I will have them packaged and send them to you heavily insured, registered mail, with a request that they be returned the same way.

Looking forward to hearing from you and with best wishes for your work and thanks for your continued cooperation, I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

November 20, 1973

Dr. Alfred Traverse
Department of Geosciences
The Pennsylvania State University
Deike Building
University Park, Pa. 16802

Dear Al:

As I told you in Anaheim, your letter requesting a careful look through Volume 38 arrived around October 9th. However, the Xeroxed copy of the volume arrived about four weeks later, which was to be expected. After it arrived I wanted to compare it with my compilation of the same article. Previously, I had only been able to get ahold of a photocopy of the table containing the stratigraphic distribution of the spores. We finally decided to use this incomplete copy for compilation as it was better than nothing. However, since our copy is so incomplete it is impossible to check it against what you have done. It would be very desirable for me to check over my compilation of the article, so would it be possible for you to send me a Xeroxed copy of Malyavkina's publications (for which I would be very happy to pay)? If this is not feasible, would you be willing to lend me the hard copy so that we can Xerox a copy and then include this in our compilation?

good idea for inspection

You asked for any additional suggestions. Annotations are valuable information which a palynologist should know. Therefore, I think I would like to include those parts of each Catalogue volume which contains such annotations in my computer program. This means I have to cite your volume correctly. However, I am afraid that many titles of the 38 volumes are very similar. I would suggest that you make very sure that in future none of the titles occurs twice and that they are all distinctively different from each other in order that your publication can be cited without error. To have precise titles may also be valuable in cases where other persons would like to quote your annotations.

Sincerely yours,

Gerhard

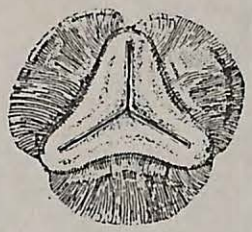
Gerhard O.W. Kremp
Professor

GOWK/hg

Hunt Institute for Botanical Documentation

CATALOG OF FOSSIL SPORES AND POLLEN

DEIKE BUILDING
THE PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY PARK, PENNSYLVANIA 16802
U. S. A.



THE
INTERNATIONAL COMPENDIUM
OF
PALYNOLOGICAL SYSTEMATICS

August 1, 1973

Prof. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thank you for your letter of 23 July regarding the paper by Nilsson, 1958. Tate is out of town at the moment, but we have checked all of our files and find that the only reprint of the paper around here is one in his files with his name in the upper right hand corner. The Catalog files contain only a photocopy thereof, I suppose made a couple of years ago when I directed that all papers covered by the Catalog must be in the Catalog files. I do not have a copy myself. I suppose you had better communicate directly with Tate about what might have happened to your copy.

Hoping that you are having a good summer and with best wishes as always, I am

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
cc H.T. Ames

His later on turned out to be untrue — a grad student had it out.

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
LABORATORY OF PALEOENVIRONMENTAL STUDIES
TEL. (602) 884-3603

July 23, 1973

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

Dear Al:

We find we have not compiled for the data retrieval project a paper by T. Nilsson, 1958, which was used in the Catalog, 1958, Vol. 24.

The copy I had at that time is missing and I have the hope that it was left at the Penn State offices.

I ask you the kind favor of checking on this for me. I'm anxious to have it.

The complete citation is:

Nilsson, T., 1958, Uber das Vorkommen eines mesozoischen Sapropelgesteins in Schonen.

Institut. Mineralogy, Palaontol. & Quat. Geology Publication No. 53, 111 p.

Thank you for whatever you can tell me about whether the paper is or is not available at Penn State.

Sincerely,

Gerhard

Gerhard O. W. Kremp
Professor

GOWK:jw

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

February 12, 1973

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

Dear Al:

With regard to the question you brought up in your letter of January 22, 1973, my feeling is that so far as nomenclature rules are concerned Dr. Stafleu is right without any doubt. I looked in our computer file to see what we did when we compiled Malyavkina's papers. Indeed we did it in the same way as Dr. Stafleu recommends. However, I think that you, as the editor of the catalogue, are in a different position, and I agree completely with Tate that you did right when you reproduced the name of the taxonomy in the way the original author had done. This was not a typing error but was done for a purpose; as Dr. Stafleu agrees, it is not even against the existing code. Therefore, it is my judgment that you as the editor of the catalogue should reproduce the name as given by the author at least as long as this is not in contradiction to fixed nomenclature rules. There are many different ways to argue about this, but I feel you certainly have a point.

Sincerely,

Gerhardt O.W. Kremp

GOWK:hg

Hunt Institute for Botanical Documentation

University of Arizona
TUCSON
MEMORANDUM 15. VI. 73

Dear Al

Enclosed letter yust arrived and I send it to you. Is'nt ~~it~~ something? Sometimes one can't win.

So take it easy

Yours

Leonard Kamp

Hunt Institute for Botanical Documentation

February 27, 1973

Dr. G.O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thanks for your two recent letters. We are still waiting to hear from some other members of the committee but are probably going to proceed in direction of reproducing the Greek letter prefixes only in so far as they appear in the photocopy. The general opinion seems to be that they should be dropped in our headings to the sheets in question. Thank you also for letting us know about the professor's request from the Netherlands, which we are taking care of. It is interesting that after all these years people still think you are in charge of the Catalog! I suppose it will always be that way.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

January 5, 1973

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thank you so much for your much appreciated assistance on Volume 37. We have gone over your comments in detail and are now ready to put that particular volume into the final publication process.

Here are our reactions to your comments in detail:

p. 1. We were of the impression that the reason for the new name was sufficiently covered by the footnote on p. 2. Chaloner's 1956 paper to which you refer is a one page job in Micropaleontology, vol. 2, no. 3, p. 298. I am sure that Micropalentology must be in your palynological library.

p. 2. You are quite right that we should say Chesterian instead of Dinantian, and we have changed accordingly.

p. 10. We agree wholeheartedly with your comment on footnote 2 here--that it should also appear on the other pages where it is appropriate, and we have stuck it in there.

p. 23. We do usually insert lithological information if any is provided, but we put it under type horizon.

p. 25. Our more precise information on the Springer Formation came from U.S.G.S. Bull. 1200 (1966), pt.3, p. 3693. The author is G. Keroher.

p. 194 We have added the necessary footnote reference.

p. 214 This was a new combination, and you should have had a page introductory to that part of the appendix which would make that clear. On page 215, same comment as the one just preceding in terms of explaining what goes on. However, you have made a very big contribution to our welfare by noting the terrible mistake that we listed the wrong volume number for the CPSP Reference. The reason for thisawas

Hunt Institute for Botanical Documentation

that the material had previously been scheduled for Volume 40, but was changed to Volume 37.

Thanks again for all your help and best wishes to you and Eva for a prosperous 1973.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

United States Department of the Interior

GEOLOGICAL SURVEY
Denver Federal Center
Denver, Colorado 80225

IN REPLY REFER TO:
G:P&S:RMK

Paleontology and Stratigraphy Branch
Building 25

November 7, 1972

Dr. Alfred Traverse
Catalog of Fossil Spores and Pollen
Deike Building
Pennsylvania State University
University Park, Pennsylvania 16802

not much change

Dear Al:

I am enclosing some proof sheets from volume 37. These sheets contain a few corrections and some suggestions. Most of these are clear cut but two probably should be mentioned. These are: missing maceration numbers under holotype for Peppers paper (37-97 through 37-166) and placing figure numbers below specimens when only one specimen is illustrated (37-145). The citation in Peppers paper is incomplete without the maceration number even though this information is available in the text. The figure number is not necessary when only one figure is illustrated.

The nomenclatural notes under Hamiapollenites, Vittatina, and others are of some concern to me because I have a very vague recollection it was decided some years ago that such information would be published by you outside the Catalog. I could be wrong in this recollection but the thought did cross my mind in reviewing this volume. Perhaps in the case of Hamiapollenites and Vittatina you are reporting the general consensus.

Sincerely,

Enclosure

Bob

Robert M. Kosanke

PS - This is another good job Al and do not be overly concerned about my second paragraph.

Hunt Institute for Botanical Documentation

September 15, 1972

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

I have just returned from a three-week vacation, the first absolutely untrammeled vacation I have ever taken. I am now trying to get back log of correspondence in reading out of the way before the new academic year begins in a week or so. One of the things which is of course on my conscience is your several times repeated request for information about how our project is going.

I am not sure that the news can be described as ~~all together~~ altogether good. I have been trying to stretch out the last few dollars from our original palynological data project and its extentions by reducing the staff to one abstractor who has been working away on the papers covered by the published volumes of the Catalog and the projected volumes up into the 40's, both on a paper-assemblage level (our approach which is somewhat similar to yours) and on a "form-level"--our attempt at doing something about morphographic presentation of the taxa. It is somewhat difficult to predict what is going to happen now. I am not particularly ~~sanguineous~~ about the probability of being funded for our new project which was to be along the lines of what I described in my paper at the get-together in Tucson last October, in other words taxonomy oriented with special reference to the Catalog of Fossil Spores and Pollen. I naturally think I had a good idea, but whether other folks will think so or not remains to be seen. In the meantime, I suppose we could best be describedcas marking time.

Hunt Institute for Botanical Documentation

I certainly do appreciate being kept so thoroughly informed of your activities with the International project and hope that you will continue to send me information.

With best wishes for Eva, I am

Youss very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

August 7, 1972

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thank you so much for your letter of June 20 with comments on the Catalog. It always makes me a little nervous when you don't find anything wrong with it, however. It just doesn't seem probable that we could be doing that good of a job.

I am very sorry that I have not communicated with you previously about the progress on our data project. Pressure of other matters has made it impossible, but I will get to it soon.

Best wishes to you and Eva.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology
Editor, CFSP

AT/vsi

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

June 20, 1972

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

Dear Al:

How is your computerization work going? I need a progress report.

As you remember, I have to prepare a report on our attempts and achievements concerning an International Palynological Data Bank. I would be very happy to have for this report all information you may want to supply me about your project. Thank you very much for your cooperation

Sincerely yours

Gerhard

GERHARD O. W. KREMP
Professor

K/m

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

June 20, 1972

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

Dear Al:

Thank you for sending to me the Geologiya-Geofizika which was mailed to me at your place. Eve has written a letter in Russian and told them that I have been working at the University of Arizona for ten years. I hope the word will spread.

When I came back on June 12 from a week's field trip to Mexico, I found the new volume (36) of the Catalog on my desk. I could not make out for sure just when it had arrived.

I searched through the volume hoping to find some little mistakes that I could charge you with, but without success. However, I don't have a copy of von der Brelie's paper, so I assume the mistakes must all be in that paper.

Sincerely yours

Gerhard

GERHARD O. W. KREMP
Professor

K/m

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
LABORATORY OF PALEOENVIRONMENTAL STUDIES
TEL. (602) 624-0429

April 22, 1972

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

Dear Al:

Please accept my apology for not having contacted you over an unduly long period concerning the advancement of our International Data Bank Consortium. However, there were some difficulties which made it almost impossible for me to go ahead with my planning and activities, about which I will be glad to tell you when I see you personally. Fortunately last week things have been straightened out again and I hasten to get in touch with you.

I plan to send out in the coming months a series of newsletters which report activities of our group. I have written Dr. Tralau and Dr. Germeraad asking them to give me a report on their activities and their plans for Phase 1 and Phase 3 of our program. I would be very happy if I could include in one of the coming newsletters some information, maybe 300 words, about what you are doing and planning to do at Penn State. Could you send me such a report in the near future?

Sincerely yours

Gerhard

GERHARD O. W. KREMP
Professor

K/m

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
LABORATORY OF PALEOENVIRONMENTAL STUDIES
TEL. (602) 624-0429

March 11, 1972

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

Dear Al:

Thank you for your recent letter. I am happy that my proofreading of Volume 35 was of some help to you.

You are wondering that the mail is so slow from there to here. I still do not know what is the reason, but it is a fact that anything except first class mail from Pennsylvania or New York generally needs 4 weeks, sometime 6 weeks, to find its way over this vast continent to us. Please have this in mind for the next shipment if you are in a hurry. We are very badly served from the east coast.

I have a question: Would it, perhaps, be possible for you to send me a photocopy of the paper of Orlowska Zwolinska, 1962, which you compiled in the catalog? I do not have this paper and would like to add it to our computer file.

May I ask you also what came of your application to NSF concerning computerization, and what you are planning in this direction in the coming year?

Nothing earth-shaking has happened here. On the contrary, some disappointing developments may be in the mill. As it is not yet definite, I will not inform you until it takes shape. Meanwhile our own compiling is going in a very satisfactory way.

With best regards,

Sincerely yours

Gerhard

GERHARD O. W. KREMP
Professor

K/m

Hunt Institute for Botanical Documentation

March 1, 1972

DR. G.O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thanks for yours of 15 February with the comments regarding volume 35 of the Catalog. I simply can't understand why the "proof" copy took so long to get to you. I mailed all of them on the same day and Kosanke got his in about a week. It only takes four weeks for it to get to Chaloner in Great Britain by surface mail, but we have lately been sending them air mail to assure their arriving somewhat more promptly. It costs like fury, however, and I certainly would like to avoid having to send more than one copy that way! Based on previous experience with cross country parcel post, I would think that a week to ten days is more nearly the more normal delivery time.

In any case, I think you very much for the comments which you did let us have. We are benefiting tremendously from this sort of input before the actual printing. For example, comments from Chaloner this time resulted in changes to some 35 pages (including such incredible things as that we misspelled Frankfurt!).

Regarding the publication dates to which you called our attention you are right that the date we present is not the imprint date on the publication, but that is because the actual date of appearance is what counts. I don't think we will change that in this volume, but I think that in the future volumes we should say something like "actual imprint date so-and-so" following the ~~actual~~ date which is given. Regarding the business about the type horizon for the Lakhanpal paper: we decided that you were right, and have changed the pages concerned. Glad you caught it.

Thanks again and best wishes.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

Hunt Institute for Botanical Documentation

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DEPARTMENT OF GEOSCIENCES
LABORATORY OF PALEOENVIRONMENTAL STUDIES
TEL. (602) 624-0429

February 15, 1972

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

Dear Al:

I received your letter dated December 31, 1971 and noted its contents. I received the proof copy of Vol. 35 on February 8, one day before you sent your follow-up postcard asking for a quick report. (The proof had been sent by Parcel Post on January 7, and it takes four to six weeks.) Your deadline, needless to say, was impossible for me to meet.

I found some problems with the publication years of Lakhanpal and Lele. Please check. I think your appendix No. 3 "New Combinations" is a very good idea and I plan to compile this information in our computer program. So far I have abstained from compiling any of the CFSP because I thought this was unnecessary repetition. However, I am happy that in this way the CFSP will appear in the print-out of the computer.

Sincerely yours

Gerhard

GERHARD O. W. KREMP
Professor

K/m

Hunt Institute for Botanical Documentation

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Author: Lakhanpal, R. N., S. C. D. Sah, & S. N. Dube, 1960, p. 116, pl. 2, figs. 24-26

Reference: Further observations on plant microfossils from a carbonaceous shale (Krols) near Naini Tal, with a discussion on the age of the beds: The Palaeobotanist, vol. 7, no. 2, pp. 111-120, 3 pls., 1 tab.

Type locality: India, ca. 3 mi. "SES" of Naini Tal and 1 1/4 mi. "NWN" of Jeolikot, in gulch at Brewery (ca. 29° 21' 38" N: 79° 28' 8"E).

Type horizon: Probably ~~Upper~~ Permian, lower Krol series(?)

Preparation: HF (overnight); ca. 70% HNO_3 (8 days), 10% KOH (20 mins.), glycerin jelly

Repository: Birbal Sahni Inst. Palaeobotany, Lucknow, India

Holotype: Pl. 2, fig. 24, Reg. no.-M.G.T./20, slide no. 25/3

[1][Hart, 1965, p. 59, transfers *Alisporites phaselosaccatus* to the genus *Pityosporites* Seward 1914 emend. Manum 1960.]

Why Upper? Compare with last two sentences on p. 119

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February 15, 1972

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

Dear Al:

I am sending you some self-explanatory material concerning our fact-finding committee.

I would be interested to hear how your planned NSF project to continue your compiling is working out.

Sincerely yours

Gerhard

GERHARD O. W. KREMP
Professor

K/m

Hunt Institute for Botanical Documentation

News Item for Geotimes
Gerhard O. W. Kremp

ORGANIZATION OF AN INTERNATIONAL PALYNOLOGIC DATA BANK CONSORTIUM

At the Annual Meeting of the American Association of Stratigraphic Palynologists on October 13, 1971, the first step was taken toward the "impossible dream" of establishing a cosmopolitan organization of comprehensive data banks for palynology-paleobotany and associated fields. A fact-finding committee was organized consisting of: Chairman, G. O. W. Kremp, Dept. of Geosciences, University of Arizona, Tucson; J. H. Germeraad, Museum of Geology and Mineralogy, Leiden, Netherlands; T. C. Huang, Dept. of Botany, National Taiwan University, Taipei, Taiwan, China; T. Kawasaki, Dept. of Biology, University of Liberal Arts, Tokyo, Japan; Hans Tralau, Museum of Natural History, Stockholm, Sweden; A. Traverse, Dept. of Geology and Geophysics, Pennsylvania State University, University Park (past president of AASP); N. Trindade, EGM-DNPM, Avenida Pasteur, 404, Rio de Janeiro, Brazil.

The work seems to divide itself into three phases: (1) Compiling for computerization the complete bibliography of the fields involved. (2) Compiling of taxa mentioned in these papers, their geologic, geographic and ecologic distribution and their taxonomic status. (3) Recording by means of consistent codes the morphographic data.

Phase 1 has almost reached completion at the hands of H. Tralau, Stockholm, and now must be kept up to date.

Phase 2 is more bulky but the backlog on fossil pollen and spores covering the Western literature is approximately 70% completed, and that dealing with dinoflagellates, acritarchs and chitinozoans has been started by a project going on at the University of Arizona under the direction of G.O.W.Kremp.

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Phase 3 is the most voluminous and very likely cannot be finished without international cooperation. The first essential steps toward Phase 3 are being taken by Drs. Germeraad and Muller in Leiden, Netherlands.

It must be borne in mind that a part of these three phases will be the constant task of keeping up with the data of the current literature.

Looking ahead it is envisioned that there might be three different classes of cooperation: (1) Cooperators: Groups who are interested in building up and maintaining such data banks and are willing to exchange generously. Data bank tapes will be for sale at establishing-cost prices, not at duplication-of-tape-cost prices. (2) Contributors: Scientists who would contribute to the data collecting and would for this reason receive information at data-processing cost. (3) Clients: Service-at-cost price plus some overhead charge.

A fourth group, the Benefactors, have contributed much to the realization of this dream: Shell, for the group in Leiden; and six American oil companies (Amoco Production Research Center, Tulsa, Oklahoma; Atlantic Richfield Company Research Department, Dallas, Texas; Esso Production Research Center, Houston, Texas; Gulf Oil Technical Services Center, Houston, Texas; Mobil Oil Corporation Field Research Laboratory, Dallas, Texas; and Union Oil Company Research Center, Brea, Orange County, California) cooperating with the project at the University of Arizona.

Discussions are going on now with interested scientists in Argentina, Belgium, Canada, Germany, India, Britain, Taiwan and elsewhere to bring to reality the plans concerning a world consortium of palynological data banks. If these efforts are successful palynology might advance into a usefulness which we now can only see dimly.

Hunt Institute for Botanical Documentation

MINISTÈRE DE L'ÉDUCATION NATIONALE
ET DE LA CULTURE FRANÇAISE

CENTRE UNIVERSITAIRE DE L'ÉTAT

INSTITUT SUPÉRIEUR de PÉDAGOGIE

7000 MONS (BELGIQUE), LE
PLACE WAROCQUÉ, 17
TÉL. : (065) 391.11 À 391.18

DR. KREMP
THE UNIVERSITY OF
ARIZONA TUCSON
ARIZONA 85721

Dear DR. KREMP

I am in receipt of the reprint of your paper
"The establishment of a computerization organization
Combinatorial data bases for phytosociology-Palaeobotany"
that you kindly sent me. I want to express you my sincerest
recognition for the valuable cooperation.

Hoping to remain in contact with you, I am.

Sincerely your

P. PIERART.

I'd like to begin with computerization (Bourreghs 550)
Have you a codification type for spore description?

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THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
LABORATORY OF PALEOENVIRONMENTAL STUDIES
TEL. (602) 624-0429

January 8, 1972

Dr. P. Pierard
Institute of Higher Education
Place Warocque 17
7000 Mons, Belgium

Dear Dr. Pierard:

Thank you for your letter.

I am sorry that I cannot offer you at this time our spore codification for computer, as we have not yet perfected it to our satisfaction and it is not yet in print.

It is wonderful that you intend to start such a compilation which is so badly needed, and I would suggest that you get in contact with Dr. Johan Germeraad of the Museum of Geology and Mineralogy in Leiden. He has a system of his own and so far as I can see his describing system is very useful. I think you will find it satisfactory.

As we see it now, it would not much matter what scheme you use if it is consistent and accurate. At a later date we are confident that correlations can be made between the various morphologic systems which may be developed in the future so that by means of the computer any logical system of morphologic description can be converted into another system at will.

Be assured that Dr. Germeraad will be delighted to hear from you. He is a member of our Fact-Finding Committee on the future computerization of palynology. His interest will run with yours.

With best wishes for the New Year,

Sincerely yours

Gerhard O. W. Kremp

GERHARD O. W. KREMP
Professor

K/m

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
LABORATORY OF PALEOENVIRONMENTAL STUDIES
TEL. (602) 624-0429

January 11, 1972

Dr. Goran Kjellstrom
Geological Survey of Sweden
Frescati, Stockholm 50
Sweden

Dear Dr. Kjellstrom:

I am sorry that I misplaced your paper which you sent, as you remembered, at the beginning of the year. I put it on a shelf with other acritarch papers which we, at that time, had not started to compile. I found it lying on the same shelf undisturbed.

The situation is now changed and we are now starting to compile also the acritarchs. Excuse me for forgetting that I had it and ordering another. I am sending the extra one back to you because there will surely be someone else asking for this valuable paper (by seperate mail).

It is good news that Volume II is now published. I will see that our library secures a copy of it and any following volumes that may appear.

In connection with this work I wonder if it would not be advisable to find ways to organize cooperation between you and other groups which are planning to establish an International Palynologic Computer Data Bank Consortium. Perhaps you know Dr. Hans Tralau who is a member of the fact-finding committee looking into means to this end. I am sure he can give you information about the latest developments. I certainly would be very happy if you, with your knowledge and enthusiasm, would become a participating member of our group.

With good wishes for the New Year,

Sincerely yours

Gerhard O. W. Krem

GERHARD O. W. KREMP
Professor

K/m

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

December 6, 1971

Dr. Geoffrey Norris
Department of Geology
University of Toronto
Toronto 181 Ontario, Canada

Dear Geoff:

This is rather a late answer to your letter of November 10. I have tried to digest it, and still I feel I don't comprehend what you have to propose and specifically the reasons for it.

It is unfortunate that Alan Shaw was not present at any of the meetings because I think he has the wrong picture. If he had been at the symposium in Tucson -- or at least he had tried to contact me -- he would know that the network of International Palynological Data Banks as visualized by an ever growing group of scientists, cannot possibly be established in less than five years. Also, because of the particular structure there will be no data bank at the University of Arizona before that time either. There will be, I understand, a private palynological data bank (based on the Kremp Palynology Computer Research Project) at AMOCO by whom Shaw is employed, within the next year. (If I understand him right, then he must be embarrassed by his own membership on the JCPI -- or not?)

Shaw's remarks show the bad state of communications which holds back the development of our science. The people who have no connection with any data bank or computer effort are not the ones from whom to get information. If the function of the JCPI as an advisory committee is to bring information to the sponsoring organizations, "about developments in the general area of paleo-information and to consider the general implications to the member societies of specific projects and requests" then this is something where, thanks to my experience in the KCPRC, my personal acquaintance with palynologists and laboratories in many countries, and as chairman of the International Fact Finding Committee, II am well suited to help, if help is what is needed.

If Shaw's concern is about evaluating projects for public funding, the KCPRC which is supported by a group of oil companies is not anticipating making such a request. Since Shaw's company is one of the supporting companies, he should be aware of that fact.

Finally, a decision to your part to limit the reporting to people who are not engaged in the endeavor and know very little about it,

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would be the best way I can imagine to stop it completely and promptly

Since I know you, your sincerity, and your wish to further the computerization of palynology, which is so vital for the further existence of our science, I certainly hope that you will reconsider and also that Shaw will change his mind.

Yours sincerely

K/m

GERHARD O. W. KREMP

cc to Shaw

Hunt Institute for Botanical Documentation

December 1, 1971

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

When we were together recently in Tucson I noticed that you did not have the bound copies of the Catalog past volume 27 on your shelf and wondered why. Of course, I now remember (especially after checking my correspondence files!) that the reason is that you get Option A instead. You really should have Option D (bound volumes) as well for reference purposes, but we are only giving one complimentary set of the Catalog to each member of the Advisory Committee. In other words, if you wanted the bound set you would have to get Arizona to subscribe to it.

Congratulations on your selection of AASP representative to the JCPI, about which I recently heard. I do hope that you will communicate regularly and in as much detail as possible about the trend of things in the JCPI to the rest of us in AASP who have an acute interest in such matters.

Best wishes to you as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

October 6, 1971

Dr. Gerhard Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

In case it requires anylplanning on the part of the local committee, this is to let you know that at the luncheon-business meeting, I am planning to use a few two by two (35mm.) slides to illustrate the "Predidential Address" so be sure that a large screen and a projector are avaiaable--Ok? Title of address: "Parapalynology".

Thanks a lot for your help in this and other matters.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/kai

Hunt Institute for Botanical Documentation

September 14, 1971

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

This is just a brief, probably unnecessary, reminder to do something regarding publicity for our meeting in October. Geoff Norris was successful in getting stories into the local papers about the Toronto meeting, and I thought it was a good thing for our "image" and probably was also helpful to Geoff as well. I plan to arrive in Tucson in the early afternoonof the 11th of October and would be available that afternoon or evening for whatever sort of picture taking or what-have-you that you might have in mind. I am really looking forward to this whole experience and, if nothing happens to prevent it, I am planning to bring Betty with me.

Doubtless you will behearing from me again before October several times, so I won't say "see you then" just yet.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
cc Don Engelhardt
Robert Clarke

Hunt Institute for Botanical Documentation

September 8, 1971

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Yours of 17 August was waiting here when I returned to the office 2 September from the Permian-Triassic meeting. (Which was, palynologically speaking, a huge flop!) However, I had heard about your letter over the phone from Calgary and had been thinking of it.

The NSF proposal is still cooking. Partly this is because of many other pressures. Partly it is because I am still mulling over the various possibilities and wondering what we should do. It is not a simple matter.

I do feel that what I present at the session in Tucson will embrace what I am thinking about in terms of the Penn State contribution to international cooperation in the computer-processed-palynologic-data field. I can clue you that I am thinking strongly in terms of making Penn State's work tie in directly with the Catalog. I hope that you will be favorably impressed, but I suppose what we say as well as what most of the others say will be tentative.

The title is fine as you list it:

"Potential Taxonomic Application of Palynologic Data Banks",
by Alfred Traverse and H.T. Ames

See you in October. I am sure that the whole Tucson show will be memorable.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
LABORATORY OF PALEOENVIRONMENTAL STUDIES
TEL. (602) 624-0429

August 17th, 1971

Dr. Alfred Traverse
Deike Building
the Pennsylvania State University
University Park
Pennsylvania 16802

Dear Al,

I am sorry to learn that you are so very busy. What ever happened to leisurely summers? I had thought that since your proposal would have long been submitted to the N.S.F., you would have specific plans laid for this work in line with the IPDBC, and on that basis hoped you might give us some ten minutes informal talk on it without having to go through formal preparation.

However, if you prefer to give your suggested paper, "Potential Taxonomic Applications of Palynologic Data Banks" with Ames. Fine. We would hope of course that it will include matters on which our groups can work together on the practical establishment of a master plan for international cooperation of all the groups involved.

With all good wishes,

Gerhard

Gerhard O.W.Kremp
Professor

GOWK:cdm

Hunt Institute for Botanical Documentation

Ca. Aug. 1971

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

Dear Al

Hope that this title for your talk at the Symposium will suit, otherwise please, give me your revision as soon as possible. I am very happy that you have agreed to be on this agenda.

Looking forward to see you

yours

Gerhard

Hunt Institute for Botanical Documentation

August 6, 1971

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

This is a response only to your brief note which arrived today, regarding the "round-table conference on computerization of palynology". The other letter regarding your suggestion about our future plans will take more thought and probably will not be answered for a while.

I was somewhat startled to find that you have flanged up a formal schedule of papers for the conference in October on "Computerization of palynology". As I recall from our previous correspondence, it was my impression that the round-table conference would be more or less informal. As you know, I am presenting one paper myself on our Black Sea work, and am also co-authoring three other papers by graduate students which will be presented in Tucson. In addition to that, I believe I am expected (!) to present a presidential address which should require some thought, if I am not to make a complete idiot of myself. It is therefore really quite traumatic to discover that you expect a formal paper. However, I do want to be part of this program, and I will do my best to get something together. I think the title should be "Potential Taxonomic Applications of Palynological Data Banks" by A. Traverse & H.T. Ames. This is quite different from what you had planned for me, but is something on which I think we have things of value to say and in which the Catalog has a real stake. It is not unrelated to IPDBC. You will note that I would like Tate to be listed as co-author. I am hoping he can attend.

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
cc H.T. Ames

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DEPARTMENT OF GEOSCIENCES
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TEL. (602) 624-0429

July 23, 1971

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

Dear Al:

It was really exciting to hear from you and to learn that you plan to continue your work on the computerization of palynology and that you have hopes that the NSF will give you financial support. It was likewise kind of you to call me up and give me the opportunity to consider what you can do in the future on the computerization of palynology without overlapping with the work that I have already done.

We both should have in mind that after October 1, 1973, we both can exchange our compiled data, and you can have a tape identical with what I have available at the University of Arizona.

As you understand, the six oil companies for which I am working as consultant on this computerization, have put a confidential clause on the data which I have collected. In other words, all 2700 data sheets which I have collected during the period from June, 1968, to September, 1970, will be released to me for unrestricted use after three years, that is, the first of October, 1973. All the data sheets I will be able to compile during 1971 will be available by January, 1975, etc.

If you would care to join the projected International Data Bank Consortium you would by that time, or even earlier, also have available by exchange those data sheets which are produced by other groups.

It is now almost certain that Dr. Downie of Sheffield is starting the computerization of the literature on acritarchs and dinoflagellates. Cooperation is planned by the group at Leyden in the Netherlands, etc. I have indications now from several of the 42 groups which I listed as potential future members of the consortium in my paper, "Towards Computerization of Palynology-Paleobotany, a progress report on a fact-finding trip" (1970), which I sent to you and which was printed under a slightly different title in Nagpur. The paper has just come from the press and I am sending you a copy by separate mail.

Hunt Institute for Botanical Documentation

As you can easily understand, the exchange can only be fruitful if every group offers something that is of value to the others. There would have to be a gentlemen's agreement that each partner of the consortium can only trade his own product. Whatever a member receives from another member is his to use but not to trade.

It follows from this that we must be careful in the planning of the total work. After much thought, I believe at this stage it would be easiest for you to start your efforts on topics which have not been taken up at this moment by my group or at Sheffield. As you asked me about it, I would propose that you give your attention to the following:

1. You might perhaps concentrate on those things which the Catalogue of Fossil Pollen and Spores demands to be done: that you add to the array of publications which have already been covered ~~concerning the pre-Pleistocene pollen and spores~~, all the annotations which occur in the Catalogue concerning the treated taxon. For example, when you republished in Vol. 34 of the Catalogue the new species described by Hunger, you can assume that I have already covered all taxa mentioned by Hunter in 1960 in his original paper, but I have not so far touched the annotations which are given in the Catalogue. If you would take this job, it would be a valuable addition to the entire project. We tried to use on our data sheets some examples of Vol. 34 of the Catalogue in order to explain to you what I mean, and I am happy to send you our hasty exercises. I am sending also to you some blank forms of our data sheets as we are using them now. If you are interested, I would also be happy to send you our manual concerning our rules on how to compile the data sheets.

2. If you also would start to describe the morphography of all pollen and spores treated in the Catalogue you would have a wide field of activity that so far no one has touched. By this means, you would straighten out the taxonomy in a very effective way. As you know, there are a number of morphographic systems already available and it would be your choice to use one or the other of those or develop your own.

3. Furthermore, I would hope that you would tackle also the urgent project to get all the literature information concerning modern spores under control, illustrations, descriptions, geographic and ecologic distribution, etc.

I believe that working on these tree topics would be of great value to everyone and would keep you busy until 1972. After that date we may figure out how we can enlarge the information which I have collected from the 2700 pollen and spore papers treated by our group. As I mentioned to you, also we recognized from the beginning that quantitative data should be added as well as morphology, and that also the stratigraphic designations should be checked and, if necessary, revised.

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However, we thought this work could be done more satisfactorily if you have my information on tape. It would be a waste of time to attempt this before the tapes are available.

It is more important to have at least a minimum of information on all the literature, so as to cover the total field as soon as possible, than to plow too deep and perhaps never get finished. Now that we have completed the minimum compilation on practically all the non-Russian literature and also on a good deal of the Soviet papers, and soon will have all this information on tape, additional data, especially morphographic ones, can be added at leisure.

I hope that this letter, written quite hastily, is of some help to you. Please let me know about your reaction.

With best greetings,

Yours sincerely,

G. O. W. Kremp

GOWK/bf

Hunt Institute for Botanical Documentation

May 26, 1971

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

In the attached package is your "proof" copy of Volume 34 of the Catalog of Fossil Spores and Pollen. As in previous volumes, we would appreciate a thorough review of this volume so that we can then submit it for printing. As I believe I have also previously said, please do not bother to return the volume to us but either tear out the pages on which you wish to make comments and return just those pages, or send your comments referring to particular pages and lines.

I am sure you know how much we all appreciate the effort that you put into doing this work for us, and we realize that your complimentary copies of the Catalog are only a token compensation. In order to keep to our publication schedule, we would very much appreciate having your comments by 1 July.

With best wishes as ever.

Yours very truly,

Alfred Traverse
Editor

AT/vsi

P.S. A number of minor changes, including substitution of "syntypes" for "cotypes" in Simpson's papers, have been made on the formats, but the changes were made after the "proof" copies were xeroxed.

Hunt Institute for Botanical Documentation

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DEPARTMENT OF GEOSCIENCES
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TEL. (602) 624-0429

May 14, 1971

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

Dear Al:

Thanks for your letter of April 27 and the formal announcement of your coming to the meeting of that of which you are president and also to the Round Table Conference of the day before.

Concerning your question regarding coding of morphology, I too feel that Germeraad is going overboard on a scheme which isn't necessary any more, at least not in the detailed way he is doing it. On the other hand, one can hardly avoid coding if one wants to employ a really detailed description. I would like to show you and discuss with you Kawasaki's and my approach. As our manuscript is coming along, we can probably show it to you in October.

I wonder if you are planning to go to Novosibirsk? I heard rather weird tales in Tulsa, and my application to NSF was turned down. Jim Canright wrote me from Taiwan, "I have tried to make arrangements to reach Novosibirsk via Japan or India but to no avail. All palynology conference delegates must travel via Moscow--so I will not go at all!" With so much negative response, I wonder if the Russian government is trying to boycott us.

Sincerely,

Gerhard

Gerhard O. W. Kremp

GOWK:jw

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
LABORATORY OF PALEOENVIRONMENTAL STUDIES
TEL. (602) 624-0429

May 13th, 1971

Dr. Alfred Traverse
Catalog of Pollen and Spores
Deike Building
Pennsylvania State University
University Park
Pennsylvania 16802

Dear Al,

I recently received a letter from Dr. Dennis Burger of the Australian Bureau of Mineral Resources, Geology and Geophysics. At the end of the letter he mentioned that his office was still missing volumes 3 and 4 and the index volumes 1-10 and 11-20 of the Catalog. They have been subscribers to the Catalog, and he finds this hard to understand especially as one of my associates, who visited his office in Canberra brought back his request for those volumes and passed it along in writing at the February symposium, 1970, in Tucson.

I hate to trouble you; but would you be so good as to rectify this matter for Dr. Burger. His address is:

Department of National Development
Bureau of Mineral Resources, Geology and Geophysics
P.O.Box 378
Canberra City, A.C.T.
Australia.

With many thanks in advance for your kindness in this,

Sincerely,

Gerhard

Gerhard O.W.Kremp

copy to Dr. Burger
GOWK:cdm

Hunt Institute for Botanical Documentation

April 27, 1971

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

I don't remember whether you expected a formal response from me to your general letter of 4 January regarding the Round Table Conference to be held 13 October, 1971. I supposed that it probably goes without saying that I will be in Tucson, and that I'll look forward to taking part in the conference. I do indeed want to be part of whatever is "phlanged up" for information storage and retrieval in palynology, regardless of what happens to my "project" here in terms of NSF support, etc. So put me down formally as a member of the Conference. I thought that your report sets out more clearly than I have ever seen it set out before what needs to be done. Perhaps you could find time in the next month to let me know what you thought of the recent Muller-Germeraad paper regarding coding of morphology. As you probably remember, I was under the impression that coding is not necessary. Whether being not necessary also means undesirable, I am as yet uncertain. What do you think?

Best wishes as always.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

March 24, 1971

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

Dear Al:

Our attempts to find time for a meeting are under an unlucky star. By the time your letter got to me on the hill yesterday I had made plane reservations to leave St. Louis at 6 P.M. Friday so that I could be in El Paso for other connections which cannot now be changed. I made this plan only after I'd learned from you that you couldn't stay over Saturday.

However, since we will both be in the same place for the same meetings, there should be some time to talk, perhaps Thursday evening and during lunch hours.

Looking forward to seeing you soon,

Sincerely,

Gerhard

Gerhard O. W. Kremp
Professor

GOWK:jw

Hunt Institute for Botanical Documentation

March 16, 1971

Dr. G.O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Louis Cima says that under the circumstances, he doesn't think he will attend our session in St. Louis on 31 March. However, I do feel that you and I ought to get together, and I hope it will be possible on Saturday a.m.--I won't have to leave until nearly noon. By the way, Dr. Cima suggests that we should be looking forward to a meeting of all of the people interested in information services in micropaleontology sometime in the near future, probably May. He wonders if the American Museum might not be the logical place because several members of the potential group are either there, in the vicinity, or have business at AMNH. We can bounce this idea around in St. Louis.

Looking forward to seeing you, I am, with best wishes,

Yours cordially,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
cc Louis Cima

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
LABORATORY OF PALEOENVIRONMENTAL STUDIES
TEL. (602) 624-0429

March 3rd, 1971

Dr. Alfred Traverse
Department of Geology and Geophysics
Dieke Bldg.
Pennsylvania State University
University Park
Pennsylvania 16802

Dear Al:

I very much regret that I cannot come to Saint Louis before the evening of Wednesday, March 31st. And there I am committed to meet with the members of my project group before I can make any outside firm arrangements concerning it.

I note that your schedule does not permit your staying over on Saturday, while mine does not permit an earlier arrival than Wednesday evening. Do you suppose that we could arrange a breakfast, lunch, or evening meeting...or even a few moments during the day when I might give you a list of the possibilities I envision for cooperating groups?

I am certainly sorry we cannot make better connections.

Sincerely,

Yours

Gerhard Kremp

Hunt Institute for Botanical Documentation

February 18, 1971

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Louis Cima and I talked over the phone the other day about some of the problems of the future of palynological data work, and he is as anxious as ever for there to be some form of cooperation between what goes on at Arizona and what goes on at Penn State (not very much at this precise moment!). Louis suggests that since we are both going to be present at the AASP mid-term Executive Committee session on 1-2 April, and since we had already planned that you and I would try to spend some time disucssing these matters at that session, we should extend the meeting a little bit with this precisely in mind. Also, Louis has suggested that it would be mutually beneficial if he could be "little mouse in the wall" during our discussions. It will be impossible for me to stay in St. Louis after the conclusion of the session on 2 April. Therefore, I propose that you, Louis, and I make it to St. Louis a day early and convene something like 10:00 a.m. on 31 March at the motel in St. Louis. The place is Howard Johnson's North, near (not too near, I hope) the St. Louis Airport. I would think that if you, Louis and I can spend say 3-4 hours on this, and perhaps you and I another 2-3 hours regarding mechanical details, it should do the trick.

Let me know if this is o.k. I hope to see you and him, then, at 10:00, Wednesday, 31 March, at the Howard Johnson's North Motel, St. Louis. Looking forward to it.

Yours cordially,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
cc Louis Cima

Hunt Institute for Botanical Documentation

January 26, 1971

Dear Al:

Thanks for your letter of January 20. I am relieved that I didn't bother you with my error and happy about how you feel about the proposed cooperation. I hope, though, that in the meantime you have received my report. If it hasn't, I think it is time that I send you another so please just blow a horn by way of a postal.

Sincerely,

Gerhard

Gerhard O. W. Kremp

Hunt Institute for Botanical Documentation

January 20, 1971

Dr. Gerhard O.W. Kremp
Department of Geosciences
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thanks for your more or less circular letter of 4 January and the attached personal note, as well as for your explanatory phone call of 14 January. You should not feel concerned about having sent me one of the letters inviting participation in the round-table to be held in Tucson in conjunction with the AASP meetings next fall. I know that the letter sounds a bit impersonal under the circumstances, but that really doesn't matter, and it does seem important to me that I know all about what is going on. I should have received a copy of the letter in any case! The fact that it was addressed to me as if I were an outsider I realize was just an error, and it doesn't bother me a bit.

I do hope that you will also send me the report "toward computerization of palynology-paleobotany", which the letter said was going forward under separate cover to those who received the letter itself. So far, I have not received it, and if that is because you didn't send me one, I hope that you will supply that deficiency!

Your suggestion that we can do some talking, at St. Louis about a possible cooperation between us (even though I am no longer "loaded"?) sounds quite appropriate to me, and I hope we can take the time to do it. I am looking forward to seeing you at that meeting and hope that Bob Clarke will have firmed up the arrangements for it in the very near future. In the meantime, all best wishes to you and Eva, and my other friends in Tucson.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi
cc Bob Clarke

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721
GEOCHRONOLOGY LABORATORIES

Dear Al

Thank you for your letter of December 4.

Our report I hope, will show you where our project stands and the huge amount of work and possibilities which are laying ahead. If you are interested, I am sure, we will find many ways to "divide the world"

I certainly would like to see a fine cooperation with you! May be we could work out some details at the March Meeting of the AASP- planners for the Tucson meeting.

Sincerely yours Ernst Gerhard

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOSCIENCES
TEL. (602) 884-1819

January 4, 1971

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

Dear Dr. Traverse:

As Resident Chairman of the Organization Committee of the Fourth Annual Meeting of the American Association for Stratigraphic Palynologists, I have the honor to invite you to participate in the meetings which will be held in Tucson, Arizona, on October 13-16, 1971. We are planning on the attendance of some 150 palynologists from the United States and Canada.

We would especially like to invite you to participate actively in the Round Table Conference on cooperative computerization of Palynology-Paleobotany which is scheduled for the 13th of October, 1971. Under separate cover by air mail we are sending you my progress report, "Toward Computerization of Palynology-Paleobotany," which will give you the up-to-date details on the progress of our computerization efforts. All the leaders in the field are being invited, not only from America, but from all the countries mentioned in my report.

It is our hope that the international meetings to be held earlier in 1971 will have clarified the question of the computerization of palynology to such an extent that final decisions may be made in Tucson. The meeting referred to are the Third International Palynological Conference in Novosibirsk in July, and the Seventh International Kongress für Stratigraphie und Geologie des Karbons in Krefeld in August. There will also have been national meetings in India, Japan and Latin America.

At the October meeting in Tucson, it is hoped we may form a firm nucleus for the future growth of the whole program.

Whether your group will wish to join the cooperative computer effort or not, I feel it is of the utmost importance to all of us that we meet together, share our thinking and hear your advice. Only in that sort of cooperative spirit may we bring to fruition the development of the project, which might perhaps one day be called one of the most decisive accomplishments of this decade in the whole field of Palaeontology.

Please let us know at your earliest convenience if you are interested in the Round Table Conference and if there is a chance you will come. I do hope you will! We wish to make your visit enjoyable.

Sincerely yours

Gerhard O. W. Kremp

Gerhard O. W. Kremp

k/m

Hunt Institute for Botanical Documentation

December 4, 1970

Prof. Gerhard O.W. Kremp
Department of Geosciences
Laboratory of Paleoenvironmental Studies
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thank you for yours of 25 November. I am happy that you found no serious blunders in volume 33, though it worries me that you may have not spent enough time withiit. It's hard for me to believe that we have become that good!

In regard to the "proof copies"--we feel strongly that this is the only way that we can be sure that we have not pulled a major goof before we have actually gone into print. In fact, at least four or five times since we instituted the procedure, one of the editorial committee has caught mistakes which necessitated changing a number of things--in one case, repaginating most of the volume! So we propose to continue the custom, and ask you in exchange for your free subscription to one of the options to do as careful a job as you can possibly find time to do (I know that you're busy!).

Regarding the bound copies (option D), which you mentioned in the last paragraph of your letter of 25 November, you will find that I explained that to you in my letter to you of 19 May, 1969. The point is that as an economy measure we stopped some time ago sending members of the editorial committee more than one copy (your choice ofooption) of each volume of the Catalog. In any case, the long and the short of it is that if you wish bound copies of the volumes for your shelf, you will have to subscribe for them at the usual individual rate. Which reminds me that I am trying to get Spackman to approve eliminating personal subscriptions to

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the Catalog, except for those who are already established as individual subscribers. I also want to stop selling individual volumes to anybody. The point is that we have to derive most of our income from institutional subscriptions, and we take a loss loss on sales to individuals. Therefore, I think we should continue to provide individual subscriptions to persons who have always been subscribers and wish to keep their sets complete, but I don't think we should accept any new individual subscribers. As far as I am concerned, however, you are a well-established personal subscriber (!), and all you would have to do is pay for volumes 28-33 at the ridiculously low individual rate in order to keep your set complete.

Perhaps I shouldn't mix other matters in with this letter, but I am still hoping to hear from you more details about how you think we might cooperate in the pay-data field. We have found a way to put Mrs. Lanser back on our staff as an abstracter, and are attempting to pick up the somewhat muddied trail that Dr. Sanders left behindd Best wishes to you and Eva for a Merry Christmas and a prosperous 1971.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

CATALOG OF FOSSIL SPORES AND POLLEN

Kremp

DEIKE BUILDING
THE PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY PARK, PENNSYLVANIA 16802
U. S. A.



THE
INTERNATIONAL COMPENDIUM
OF
PALYNOLOGICAL SYSTEMATICS

November 13, 1970

Dr. Gerhard O.W. Kremp
Geochronology Laboratory
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

In the attached package is your "proof" copy of Volume 33 of the Catalog of Fossil Spores and Pollen. Please return your review to me by 7 December, so that we can get the thing published before the first of the new year.

As I have previously explained, it is not necessary to return the volume to us. Just remove the pages on which you wish to make comments and return those, or (if the comments are relatively simple) merely mention the page number and line in your review.

You will note that this volume is some pages shorter than the last two volumes. The reason is that Volumes 31-32 were nearly a hundred pages too long, which strains both the ring-binders and the CFSP budget.

Looking forward to receiving your review and with assurances of the great value of these reviews to our editorial process, I am

Yours very truly,

Alfred Traverse
Editor

AT/vsi

Hunt Institute for Botanical Documentation

KREMP

November 13, 1970

Dr. Gerhard O.W. Kremp
Geochronology Laboratory
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

The letter which I previously mentioned must have miscarried. In it I asked you to write to Dr. Louis Cima in your status as head of the "Kremp Project", suggesting (if you feel so inclined, of course!) that it would be better to keep the Penn State project alive by some minimal funding than to let it die altogether.

I still would very much appreciate it if you would write such a letter. Dr. Cima is Assistant Program Director, Office of Science Information Service, National Science Foundation, Washington, D.C. 20550.

Naturally, I look forward to getting the report you mentioned over the phone tonight and will plan to write or phone you with some reactions after I have seen and digested it.

Best wishes.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT/vsi

Hunt Institute for Botanical Documentation

G. O. W. Kemp

13-XI-70

Kemp says he has sept. outlining need for data-storage in palynology — will be out soon

Says he will write Pima urging that our project get some funding.

at Tucson in '71 we will probably stay at Hilton but hopes it will be cheaper than Toronto (re mtgs)

Suggests we talk re mode of cooperation later after I have seen his report mentioned above.

Hunt Institute for Botanical Documentation

File:

Information:

Strong Palynologic
Data System

Hunt Institute for Botanical Documentation

AtlanticRichfieldCompany
North American Producing Division
Exe[illegible]ve Plaza
Post Office Box 2819
Dallas, Texas 75221
Telephone 214 638 6850

July 13, 1970

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

Dear Al:

Enclosed are copies of the data sheets being used for the Kremp Palynologic Data System, which we agreed to send you.

Sincerely,

Dick

Richard W. Hedlund

RWH:pr

Encl.

cc: Dr. C. F. Upshaw (w/encl.)
Dr. G. R. Fournier (w/encl.)
Miss J. B. Stough (w/encl.)
Mr. K. M. Piel (w/encl.)
Dr. R. T. Clarke (w/encl.)

Hunt Institute for Botanical Documentation

UNIVERSITY OF ARIZONA
DEPARTMENT OF GEOCHRONOLOGY

PALYNOLOGY DATA SHEET

ARTICLE NUMBER _____
SHEET NUMBER 1 of _____

Card No.(1-5) | Article No.(7-11)

01 1 | Year (13-16) _____ Author (18-80) _____
01 2 | Author continued (13-80) _____

02 1 | English Title (13-80) _____
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04 1 | Reference Citation (13-80) _____
04 2 | " " " _____
04 3 | Year (13-16) _____ Volume (18-21) _____ Number (23-26) _____ Pages (28-38) _____ – _____ Plates (40-41) _____ Text figs. (43-44) _____ Tables 46-47 _____

05 1 | Age (13-80) _____
05 2 | Codes (13-77) _____ Total codes (78-80) _____

06 1 | Stratigraphy (13-80) _____
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07 1 | Geographic Location (13-80) _____
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07 3 | Codes (13-77) _____ Total codes (78-80) _____

08 1 | Lithologies (13-80) _____
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	Core (13)	SWC (15)	Ditch (17)	Outcrop (19)	No. samples studied (21-24)	Paleofloristic Maps (26)	Range chart (28)	Compared with other areas (30)	Megaflora (32)	Fauna (34)	Microplankton (36)	Zone fossils (38)	Quantitative data (40)
09 1													
09 2	MAIN ASPECTS:	Stratigraphic (13)		Ecologic (15)		Taxonomic (17)							

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ARTICLE NUMBER _____

SHEET NUMBER _____ of _____

Please note that card class 11 may be substituted for card class 10 wherever necessary on this page.

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Code (76-80) _____

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Hunt Institute for Botanical Documentation

File: Kremp

June 25, 1970

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

Dear Colleague:

The attached is a copy of a letter that I recently received from Dr. G. Kremp. The letter speaks for itself and deserves serious consideration on the part of the subscribers to the Kremp Literature Project. His idea "to divide the work and to share the results of the combined effort" is very appealing and should be discussed at length in a future meeting. I would appreciate your comments on the subject.

Regarding the paper Dr. Kremp wants to give at the A.A.S.P. meeting in Toronto, I see no objection to it. It may even benefit our project. Please give me your definite opinion on this as soon as possible, so that I can send the abstract to Totonto in time to be included in the program.

Sincerely,

George R. Fournier

Attachment-1

Hunt Institute for Botanical Documentation

Dear Dr. Fournier,

Since my husband is busy with the preparation of his lecture which he is supposed to give in Nagpur, India, during the annual meeting of the Indian Palynological Society, I would like to take the liberty to answer your letter of March 25th which was forwarded to us to Tehran. My husband appreciated very much hearing from you and is quite excited about the wonderful progress of your retrieval program.

We are also very happy to be able to report that our trip to the palynological laboratories of West-Europe, Russia, and ~~France~~ has been quite successful, and that it looks like the computer-project may profit from it greatly. Berland's idea "let's divide the work and share the result of the combined effort" found enthusiastic support wherever he discussed it: in Sheffield where Dr. Downy will try to incorporate acritarch- and dinoflagellate-information; in Vienna, where Dr. Stradner plans to do the same for coccoliths; in Sweden where Dr. Traloau proposed to add his already computer-taped 20.000 titles of the total paleobotanic-palynologic literature which has been published so far; he may also continue the compilization of the future Scandinavian literature in stratigraphic palynology. To do the same for the West-European literature proposed the West-German group; Dr. Owens and Dr. Lhalomer for the I.C.M.P. group; Dr. Krutsch for Eastern Europe (except U.S.S.R.) and Dr. Kimyai for the Arabian countries. The group in Leiden (+Skelle) proposed to add their computer-tape and their morphogra-phic system dealing with the descriptions of fossil spores, pollen, acritards and dinoflagellates. If the Berneraad and Muller system proves to be workable, it would be easy to add to our data bank the 3000 modern angiosperm pollen descriptions

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which in about 3 years Dr. San Campo will have ready on computer-tape. Also Dr. Erdtman and Dr. Rowley promised their support of the project, and most important, the Russians did too. My husband gave formal lectures (with interpretor) in Leningrad and in Moscow, and we left the U.C.C.R with the feeling that next July in Novosibirsk the Russians may come up with a really good computer exchange program. They also promised us full support concerning the exchange of literature. I You will know we are anxious to see if the palynologists from India and Japan will also want to become "members of the party." The Australians would be happy to, according to a letter from Walker.

Since my husband was invited to present a paper during the First Symposium of Brazilian Paleontology which will take place the end of Sept. 1970 he will also have the opportunity to give his pep-talk in Rio de Janeiro, and to invite the paleontologists of Brazil to participate in the exchange program.

As soon as he comes back to Tucson, he will report to you and to the other four oil-companies in the result of his propaganda campaign. If it is o.k. with you and the group he would like to summarize his impressions in a paper at the Annual Meeting of the A.A.S.P. He just prepared the abstract of this paper which will be enclosed, since my husband wanted like you to decide whether or not he should give the paper. Would you be so kind to discuss it with the group, and in case you all approve, forward it through the proper channel to Montreal.

If you feel that it could be improved through some corrections would you please take care of them; and could you have the abstract typed, please.

We will leave for India on June 18th where we can be reached through the following address until July 5th: Dr. P.K.K. Nair, National Botanic Gardens, Palynology Laboratories, Lucknow, India. The end of July we will arrive in Japan where we intend to stay until the beginning of Sept. with Dr. Tsuji Kawasaki, 5667 Kamitsuruma Sagamihara, Kanagawa, Tokyo, Japan.

Hunt Institute for Botanical Documentation

Thank you very much for your help. Best wishes and regards

Tucson, Arizona. Abstract For 4, Annual Meeting, A.A.S.P.:

The establishment of a cosmopolitan organization of comprehensive data banks for palynology - paleobotany and associated fields.

The more important fields of paleontology are victims of very unfortunate circumstances. Their development started hopefully with a stage of "exploration and naming," but then ended all too soon in a stage of "taxonomic chaos and decline". In contrast to other scientists paleontologists could really never earn the fruits of their time-consuming work since they did not succeed in leading their science to the stage of "conclusions and applications." However now for the first time in history there is a chance for paleontologists to break the deadly cycle by establishing all over the world comprehensive data banks which would enable the researcher to select instantly the wanted information from the literature with the help of mechanical data retrieval processes.

The difficulty is that it would take any single institution huge sums of money and a hopeless span of time to compile all the data from the literature. The only logical answer seems to be to divide the work and to share the results of the combined effort.

A report will be given on this possibility based on the author's fact-finding trip around the world. It was the purpose of this journey to explore the feelings, interests and plans of the leading scientists of various institutions concerning this matter. Several groups (in Australia, North-America and Europe) have already started to compile for computer treatment data of special interest to them. Many others plan to do the same in the near future.

Hunt Institute for Botanical Documentation

All contacted scientists welcomed wholeheartedly the idea of an exchange. Consequently it seems to be possible to divide by mutual agreement the compiling job, to establish a cosmopolitan organisation of data banks for palynology - palaeobotany and associated fields, and to share the benefits.

Hunt Institute for Botanical Documentation

July 3, 1970

Dr. Gerhard O.W. Kremp
Department of Geochronology
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

I expect that this letter will be opened by one of your assistance, and I would like to thank them for taking care of the situation regarding my defective copy of the "Morphologic Encylcopedia of Palynology". I do use the Encyclopedia quite often, and it is a little surprising that I didn't note the missing pages before I did. Thanks once again.

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT:kc

Hunt Institute for Botanical Documentation

June 8, 1970

Dr. G.O.W. Kremp
Department of Geochronology
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Presumably this will be read by one of your assistants, and perhaps action can be taken even in your absence. I have just discovered that my copy of the "Morphologic Encyclopedia" is missing pages 71-74. For some reason I have never had to consult those pages before! What are the chances that I could be provided with a replacement copy?

Yours very truly,

Alfred Traverse
Professor of Geology & Biology

AT:kc

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOCHRONOLOGY

March 5, 1970

Dr. A. Traverse
Department of Geology and Geophysics
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

First, you will find enclosed the photocopy of our letter to Fournier concerning the invitation, through the University of Arizona, to the 1971 annual meeting of the American Association of Stratigraphic Palynologists in Tucson.

Then, I want to thank you for your kind letter acknowledging the visit in our home -- it was our pleasure to have you with us and you are right that it was too bad we had to mention business at that time. Still, I feel we should have talked more at some time during the two days about the possibility of future cooperation of our two projects.

Thinking upon the little we did discuss, I would appreciate it if you could ascertain from the NSF whether you can implement your inclination, voiced at the Tuesday morning session at Tucson, to make your results available to the public at cost since public funds were used to obtain them. If you would be so kind as to send us your data sheets and we transfer the information to our own, it would avoid more possible duplication of effort -- and would be a first step in getting our programs in gear with each other, and be of tremendous help to my staff while I am away.

Sincerely yours,

Gerhard

Gerhard O. W. Kremp
Professor

GOWK:jw

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOCHRONOLOGY

27 February 1970

Dr. George R. Fournier
Gulf Oil Technical Services Center
3820 Buffalo Speedway
Houston, Texas 77006

Dear George:

As I promised last Monday evening, I am iterating our invitation to the American Association of Stratigraphic Palynologists to hold their annual meeting during 1971 at the University of Arizona in Tucson, Arizona. I am enclosing for your information a copy of my earlier letter to you. (ahem!)

The merger between this department and the Department of Geology into the new Department of Geosciences will be effective 1 July, 1970. This mergerwill make no difference in our plans for the meeting. Dr. E. J. McCullough, Jr., will be the Head of the new department and I will serve as Associate Head and chief of research laboratories.

The new addition to the Student Union Building on this Campus will have been completed by then, and I feel confident our meetings can be held right on the campus. I have reserved their meeting facilities for that time, but I will need to firm the exact dates for the AASP in the near future, as the Union will be booked solid.

It was good seeing you again even for only that short time. I am sorry I had to leave early but I had set up this meeting in New Mexico long before I knew of Kremp's plans.

Cordially,

TLS/cbm

Terah L. Smiley
Head of Department

enclosure

bc: Dr. J. H. Zumberge
Dr. E. J. McCullough
Dr. G. O. W. Kremp
Dr. L. C. Smith
Dr. P. S. Martin

Hunt Institute for Botanical Documentation

Eaton Fidelity Onion Skin 100% COTTON

Fbbruary 19, 1970

Dr. G.O.W. Kremp
Department of Geochronology
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Bob Sanders will make the oral presentation you request. He and I will discuss as soon as possible the matter of data sheets to be passed out, etc. Notice is pretty short, but we'll do our best.

See you.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:kc

cc: Dr. Sanders

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOCHRONOLOGY

February 10, 1970

Dr. William Spackman
Department of Geology
The Pennsylvania State University
University Park, Pa. 16802

Dear Bill,

I am very glad that according to our telephone conversation you are considering coming to Tucson at the end of this month to attend our meeting. May I ask you that either you or Al or Bob would give a progress report on your computer program. I would appreciate this greatly. I hope that all three of you can come.

Sincerely,

Yours Gerhard

Gerhard Kremp

GOWK/bf

Hunt Institute for Botanical Documentation

February 9, 1970

Dr. Gerhard O.W. Kremp
Department of Geochronology
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

I seem to have misplaced temporarily the letter regarding the forthcoming conference in Tucson, but I believe I remember the salient facts sufficiently well. I will leave here sometime around noon on Sunday, 22 February and will get to Tucson (the elements permitting!) something on the order of 9:00 p.m. If I remember correctly, you have made me a reservation at the Hilton. I presume tha you made it for the nights of the 22nd, 23rd, and 24th. I will leave Tucson thy morning of the 25th. I'm looking forward very much to the conference and to the progress for our branch of science that may result from it. See you the morning of the 23rd in Tucson.

Best wishes as always.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:kc

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721
DEPARTMENT OF GEOCHRONOLOGY

February 2, 1970

Dr. Alfred Traverse
Editor, Catalog of Fossil Spores and Pollen
Deike Building
Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

I am enclosing the copy of your interesting manuscript on the history and status of the Catalog and have only one small suggestion to contribute. You will see my attached note about Reinschospora.

Hoping to see you Feb.23-24,

Sincerely,

Gerhard

Gerhard O.W. Kremp
Professor

GOWK:jw

Dr. Kremp adds the postscript that getting the picture delayed the letter and that he is keeping the MS (thinks perhaps you meant him to and it is all right), so his notes about it are all on the attached small sheet.

jw

Hunt Institute for Botanical Documentation

Carb. middle.

This drawing was selected to commemorate the first published microphotograph of a fossil pollen or spore. In 1884, Paulus F. Reinsch published the microphotograph of an unnamed specimen. The genus it represented was later named by Schopf, Wilson and Bentall Reinschospora, in honor of Reinsch.

References

Reinsch, P. F., 1884, Micro-Palaeophytologia, Formationis Carboniferae. E. T. Jacob, Erlangen, 54 pp 95 pls (the specimen cited is Fig. 24, on Table 2).

Schopf, J.M., Wilson, L. R., Bentall, R., 1944, An annotated synopsis of Paleozoic fossil spores and the definition of generic groups. ~~State of~~ Illinois ~~Dept. of Registration and Education.~~ Geological Survey, Report of Investigations, No. 91, 67 p., 3 pls, 5 figs.

Hilde Grebe (on last line of p. 5)

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOCHRONOLOGY

January 27, 1970

Dr. Alfred Traverse
Palynological Data Retrieval Project
529 Dieke Building
Pennsylvania Park, Pa. 16802

Dear Al:

Referring to our telephone discussion this week, I would like to send you a written invitation to the meeting of our computer project group, February 23-24, in Tucson. I hope you will be feeling better long before then and able to plan the trip.

The afternoon of the 23rd will be confined to problems in connection with our own production of data sheets for the oil companies. But following a no-host dinner at the Hilton Inn, Dr. Mello will present his address on Objective Descriptors, which should be of interest and concern to the entire group.

Since time is pressing and since the Fiesta de los Vaqueros, a major Tucson event, takes place the same week as our meeting and most hotels are already booked up, I took the liberty of making a reservation for you at the Tucson Hilton Inn. In case you cannot come, would you please let me know soon, so that I may cancel your reservation.

Please note the attached program, which will give you the details of the meeting.

I am looking forward to seeing you. Hope you like the enclosed picture I took while at Penn State. And, again, I hope the sinus trouble clears up soon.

Sincerely yours,

Gerhard

Gerhard O. W. Kremp
Professor

GOWK:jw

Hunt Institute for Botanical Documentation

January 16, 1970

Dr. Gerhard O.W. Kremp
Department of Geochronology
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

I am enclosing a copy of a draft of a manuscript intended for the Review of Palaeobotany and Palynology. Dr. Manten asked me over a year ago if I would write something about the history of the Catalog, and with help from Tate and Bill I have put together this little manuscript. Would you read it and let me have suggestions and (especially) corrections as soon as convenient? Also, you will note that I am planning to include as one of the illustrations a picture of yourself. Could you provide a glossy print of a suitable photograph for that purpose?

There is nothing much to report about "Paly Data" at this point, but we will keep you informed. In the meantime, best wishes, and I hope to hear from you promptly about this small historical contribution.

Yours very truly,

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

AT:kc

Enclosure: manuscript

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOCHRONOLOGY

Dear Colleague:

I am presuming to turn to you for your help in a very important program. Since June, 1968, I have been engaged in compiling palynological information for a computer program. This project will cover the pre-Quaternary literature in stratigraphic palynology. Information pertaining to this project is enclosed should you be interested in further details.

In order to be most useful the program must include the relevant information for all published literature. I do not want to leave out a single literature reference. To insure my including all of your own publications, could you please send me a list of the ones which you consider valuable for stratigraphic palynology? If you have any reprints left over or would be willing to supply me with a photocopy of any of your publications it would certainly be a great help.

The contract with the oil companies releases to me as head of the project the data sheets covering an article three years after it is compiled. Therefore I shall be free to make the information available to any interested palynologist in a way that has still to be worked out. As a result of this program the results of your research will be known and used much more widely. Thank you for your cooperation.

Sincerely yours,

Gerhard O.W. Kremp

Gerhard O.W. Kremp
Professor

k/m
Enc.

P.S. As a service to our science, the library which we are building up at the Geochronology Laboratory here at the University of Arizona will be made available to all palynologists. All of the literature which I hope to obtain I would happily make available to you in the form of photocopies at cost, provided that there are no copyright laws against it.

Hunt Institute for Botanical Documentation

INFORMATION CONCERNING THE COMPUTER PROJECT
OF COMPILING LITERATURE OF PRE-PLEISTOCENE PALYNOLOGY
AT THE UNIVERSITY OF ARIZONA.

Questions have been asked about our project and this is written with the hope of making everything plain.

The compiling project was set up and financed by several major oil companies.

The 2700 pre-Pleistocene papers which are our goal for the present two-year compiling effort, are mostly from published sources, including the huge amount of Russian literature. However we are incorporating useful material wherever found, master theses, geological survey reports, etc.

Our data sheets include:

1. The name of the author.

2. Title of publication.

3. Date of publication.

4. Complete reference.

5. The names of the types and taxons mentioned in the paper (at this time restricted to pollen and spores).

6. The taxonomic status (new taxon, new combination, emendation, synonymy).

7. Their geologic position down to the stage level (e.g., Ypresian), sometimes down to the formation, when exact position in the period is not known (e.g., Rajmahal formation, Jurassic). We always cite the stratigraphic data as given by the author, and not our own opinion of it.

8. Their geographic location (e.g., Tucson Mountains, Arizona). When wanted at a later time the geographic data can easily be converted to latitude and longitude and plotted by the computer on paleogeographic maps.

9. Lithologic information of the occurrence (e.g., shale, lignite).

10. We also indicate if or not the paper contains floristic maps and range charts, makes comparison to other areas; what type of samples were investigated (surface samples, cores, etc.).

Hunt Institute for Botanical Documentation

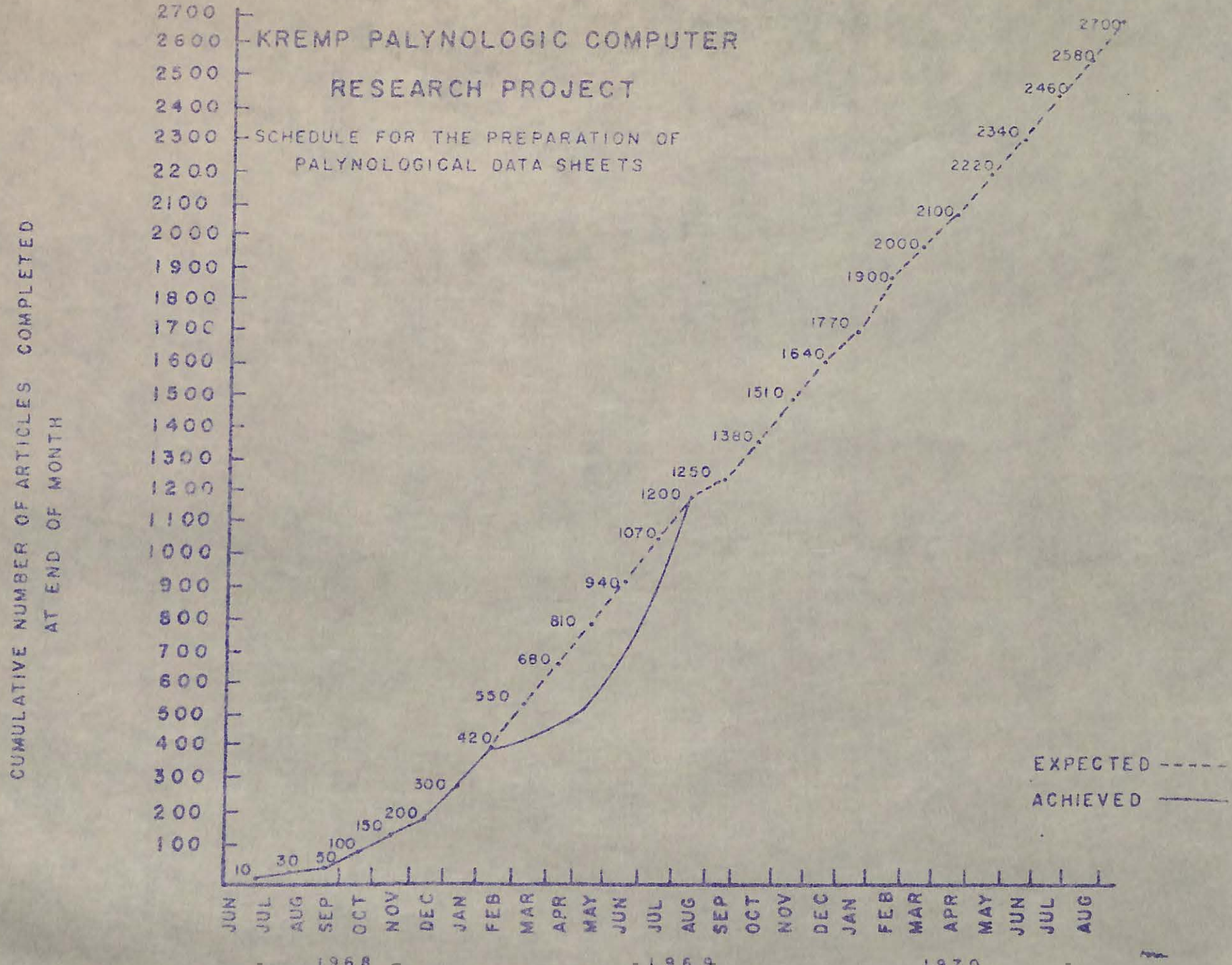
We are including in our program also paleobotanical papers which deal with the fossil spores or pollen found in fructifications, and also papers which describe and illustrate the morphology of modern pollen, spores and other palynomorphs. However, we do not include the the thousands of Pleistocene palynologic papers.

At the request of the participating companies, through their palynologists, the data sheets were planned so that each company or institution can incorporate the information into its own computer program. Therefore it has not been necessary for us to develop a computer program of our own.

The original agreement upon which the project is based contains a clause that makes it possible for any institution to join the project. The fee for joining the project after September 1, 1969, was set at $10,800. For this sum any institution may receive all the data sheets compiled in the project from June 1, 1968, to the end of August, 1970, when the contract ends. Our plan is to continue the project and we hope to have caught up with the backlog of literature by about the end of 1972. It is possible that after that time we will be able to keep abreast of the new incoming literature with a smaller staff.

Several oil companies are considering joining the program. The number of participants will determine the share which each will pay for the ensuing years.

Hunt Institute for Botanical Documentation



Hunt Institute for Botanical Documentation

December 5, 1969

Dr. G.O.W. Kremp
Department of Geochronology
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

I have a note from the meeting in Dallas to send you a copy of the list of participants at the AASP convention, which includes numbers identifying the people on the picture.

The meeting in Dallas came out about as well as we could have hoped. I think that the companies are going to go on supporting you, which is what we had desired, and the way appears open for your project and our project to build up some kind of permanent cooperation. I really dislike the political side of the whole business vis à vis Oklahoma, but there seems to be no way around it.

Best wishes to you for the holiday season.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

AT:kc

Enclosure: identifying sheet

Hunt Institute for Botanical Documentation

November 10, 1969

Dr. Gerhard O.W. Kremp
Department of Geochronology
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

In connection with our discussions here at Penn State during the recent AASP convention, it seems desirable for me to get something in writing about the feasibility of cooperation in palynological data processing between your project and our paly-data project. As you know, we have devoted most of our attention in our project to investigation of the best possible way to handle palynological information--design of the best possible formats, investigation of available systems for handling the information etc. We know although you have not been at liberty to disclose the details of what you have been doing, that your effort has been directed largely at abstracting a very large proportion of the available papers in palynology. It would seem that some sort of rapprochement between what you have been doing on a practical basis and what we have been doing on a more theoretical basis ought to be possible if the oil-company sponsors of your work would be willing to let us try putting your information together with our developing system. The advantage of our proposed system over others in the field is that it will be absolutely public although there will, of course, be a charge for the actual computer time.

I realize that since our discussions here a meeting to ponder these and other related questions has been set up for Dallas for 21 November, but I still thought it might be useful for you to have this assurance in writing that we are still thinking in terms of some sort of cooperation.

It was delightful to see you here at the meeting even though I was so preoccupied with my various duties that I didn't have as much chance to talk to you as would have been desirable. Best wishes to all my friends in Tucson.

Yours cordially,

Alfred Traverse
Associate Professor of Geology & Biology

Hunt Institute for Botanical Documentation

File as correspondence (Kremp) BOWK 18-X-69

Possibilities for cooperation [Conversation in Sanders' office]

1. $45,000 ← cost of buying from Kremp all restricted data etc at 1970 level PSU would be proprietor - place of BOWK.

2. $10,000 — cost of joining the Kremp Group, along with (Gulf, Re An, Atco, Esso Mobil)
Restriction; no publication for 3 yrs. from time of first printing data sheets

3. Exchange of data sheets — ... 3000+ pages not done — PSU would do one set of pages, BOWK group would do other group — exchanged to each other.

Notes

a. at the moment, we cannot see even one data sheet

But can we see compatibility?

We [illegible] to ascertain Possibly

Hunt Institute for Botanical Documentation

Emmis

18-X-69

discussion later same day

Suggests copy between RBS-AT & G.O.W.K. — sees no objection to GOWK having Jimmie to share the steps of his fonts with AT-RBS.

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOCHRONOLOGY

September 22, 1969

Dr. Alfred Traverse
Department of Geology and Geophysics
Dieke Building
The Pennsylvania State University
University Park, Pennsylvania

Dear Al:

I have looked through the photocopy of Vol. 32 and can not find anything wrong with it.

May I make a suggestion? I feel that you and Tate could considerably streamline and simplify your procedure if you would forget to send photocopies to the Advisory Board before publishing a volume. Having reached volume 32 you both certainly have attained enough seniority to justify this. Besides the Catalog would save money and you would not have to write explanations in case some of the Advisory Board was not on his toes, received the volume too late, or was otherwise swamped, or was late in replying.

The forthcoming AASP meeting at Penn State certainly will provide an opportunity to discuss this proposal which aims at making life easier for you.

Sincerely yours

Gerhard

k/m

Gerhard O. W. Kremp
Professor

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOCHRONOLOGY

August 28, 1969

Dr. Alfred Traverse
Catalog of Fossil Spores and Pollen
Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Dr. Traverse:

The proofs of the volume of the catalog currently worked on arrived here while Dr. Kremp is absent attending the International Botanical Congress in Seattle, Washington.

As you can imagine, there is a great accumulation of matters which will require his attention upon his return. However, I am sure he will give this matter his attention at the earliest moment.

Respectfully yours

Jewel G Methvin
Secretary to G O W Kremp

m

Hunt Institute for Botanical Documentation

August 11, 1969

Dr. G.O.W. Kremp
Geochronology Lab.
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Under separate cover we have sent you the customary proof copy of Volume 32 of the Catalog. I hope that you will give it a careful critical reading and let us have your comments not later than 1 October. As before, note that it is not necessary to return the proof copy. Either put comments on separate sheets of paper, noting pages and lines, or rip out the appropriate pages, red-pencil your comments and return the pages to us.

We greatly appreciate your cooperation in helping us in this tangible way.

Best wishes as ever. Perhaps I will see you in Seattle before you get this.

Yours very truly,

Alfred Traverse
Editor
Catalog of Fossil Spores and Pollen

AT:kwc

Hunt Institute for Botanical Documentation

July 7, 1969

Dr. Gerhard O. W. Kremp
Department of Geochronology
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Thanks for your letter re Vol. 31 and other matters. As you guessed, your letter came after we had already begun the printing process. I do hope that you can find time to give the volumes a thorough review before the deadline from now on. For my part, I shall endeavor to get out the "proof" copies as well in advance of the deadline as humanly possible. By the way, you should be getting one for Volume 32 pretty soon.

I believe that Bob and I have been failing to some extent to communicate our true position regarding "cooperation". We are not at all against cooperation, but we are not in favor of becoming merely a cog in the machinery of either of the existing schemes because we think that we are developing something with some advantages of its own. If Dr. Wilson ever comes to us with a suggestion of true cooperation, we will be for it, but we do not favor merely taking on a portion of the pie for his setup. For example, we have some ideas on input that are clearly more advanced than his. For another thing, we have been cooperating with the AGI in development of our system, and it is compatible with the methods being used by other members of the Micropaleontological Information Committee(MIC).

Hunt Institute for Botanical Documentation

We have been cooperating members of MIC for about three years. We do not see how it is to the advantage of science for us to become merely a segment in a scheme which is not MIC-compatible, as far as we can tell. Neither you nor Dr. Wilson has as yet said a word about possible give and take regarding either input design or control of output. Dick made it very clear that in his view Oklahoma would call the shots on both of those scores. That is not cooperation, that is dictation. For the time being at least I think it is more to the interest of science for us to go our separate ways. Competition is, for the most part, a good thing!

Best personal regards as ever.

Yours very truly,

Alfred Traverse
Associate Professor of Geology
and Biology

vsi

cc Dr. Robert Sanders

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOCHRONOLOGY

June 17, 1969

Dr. Alfred Traverse, Editor
Catalog of Fossil Spores and Pollen
Deike Building
The Pennsylvania State University
University Park, Pennsylvania

Dear Al:

I am sorry that I could not make your date of June 1 to look at the proof of Vol 31 of the Catalog. The end of the spring semester is of course always a very busy time; it was virtually impossible for me to squeeze any more work load into the schedule. Now I have looked through the volume. I cannot find any mistake (how could one expect!!) and hope my delay has not held up your whole working program.

On May 6 I wrote to you a letter meant to be the acknowledgment of yours dated April 9. I did not send it off to you because I thought the tone was a little bit harsh, although what I said was not at all exaggerated. But let me still express that I am very, very sad that you and Dr. Sanders have refused any cooperation with the palynologic computer program of our university or that of the University of Oklahoma. I hope, however, that this is not your last word.

I think that for all of us palynology is very important. The amount of data which must be computerized is tremendous but time and money is restricted. It seems it should be the responsibility of any leader in the field to avoid duplication or triplication of work effort.

With best regards,

Sincerely,

Gerhard

Gerhard O. W. Kremp
Professor

GOWK:jw

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOCHRONOLOGY

May 28, 1969

Dr. Alfred Traverse
Department of Geology & Geophysics
Dieke Building
The Pennsylvania State University
University Park, Pennsylvania

Dear Dr. Traverse:

In Dr. Kremp's absence, I am forwarding this letter from Dr. Eloy Salas to you. I am quite sure that Dr. Kremp will appreciate any consideration you might give to helping Dr. Salas with his subscription to the Catalog of Fossil Spores and Pollen.

Many thanks.

Sincerely,

Kay Arandela

Kay Arandela
Secretary
(Prof. G. O. W. Kremp)

Hunt Institute for Botanical Documentation

CATALOG OF FOSSIL SPORES AND POLLEN

DEIKE BUILDING
THE PENNSYLVANIA STATE UNIVERSITY
UNIVERSITY PARK, PENNSYLVANIA 16802
U. S. A



THE
INTERNATIONAL COMMITTEE
OF
PALYNOLOGICAL SYSTEMATICS

May 19, 1969

Dr. G.O.W. Kremp
Geochronology Lab.
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Yours of 5 May was most welcome. We will look forward to hearing what you have to say about Vol. 31. I do hope you will be able to get the review done before 1 June.

Regarding your query on the complimentary copies of the Catalog, I am not absolutely sure that I understand, but I think that I do. Effective with Volume 27, for economy reasons, we decided that the members of the editorial committee and editors would get only one copy of one option of the Catalog. As you know, we also greatly reduced the number of people on the committee. We saved several hundred dollars per volume this way.

Therefore, you should have been receiving one copy of each volume as it appeared. If you have not, it is our fault. However, our records show that you have been receiving one copy of "option A" of each volume. Presumably that is the option that you selected. If you want copies of the bound volumes ("option D") as well, that will have to be on a subscription basis.

Let me know if I have misinterpreted the problem...for example, that you have not been receiving copies of "option A", which our records show we have shipped.

Best regards.

Yours very truly,

Alfred Traverse
Associate Professor of Geology & Biology

AT:kwc

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

Department of Geochronology

6 April 1968

Dr. Alfred Traverse, Editor
Catalog of Fossil Spores and Pollen
Deike Building
The Pennsylvania State University
University Park, Pennsylvania 16802

Dear Al:

Your letter of March 13, and the enclosed letter from Dr. Erdtman is "at hand." His sounds like a letter from De Gaulle.

I wonder what is bothering him. Anyway, it will hardly stop our Catalog if we can't reproduce any of the articles from Grana Palynologica, and I wonder if he could force us to do so. I am not sure for which paper he has declined his permission.

Have you already written to the author for permission? This would be very important. I think we should wait until we hear from the author, and then I would appreciate it if you could send me photocopies of the correspondence with the author, and also of the letter which you originally sent to Erdtman. Then I will try to find a way to persuade Dr. Erdtman to give us his permission.

With best regards.

Yours truly,

Gerhard

Gerhard O. W. Kremp
Professor

GOWK:cbm

Hunt Institute for Botanical Documentation

GEOLOGY, GEOCHRONOLOGY,
HYDROLOGY, TREE-RING LABORATORY
OFFICE OF ARID LAND STUDIES

Dear Al

Thank you very much for sending me a replacement for my lost copy of the Brandon Lignite and for the photocopy of your both abstracts of 1967

With best regards

sincerely yours

Gerhard Kremp



TO

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

The Catalina Mountains, a gneissic massif uplifted 25 to 30 million years ago, form the northern boundary of the Tucson basin and rise to an elevation of 2770 m. (9,150 ft.). Vegetation in the foreground is dominated by the Saguaro cactus (*Cereus giganteus*), a uniquely characteristic plant of the Sonoran Desert.

Hunt Institute for Botanical Documentation

April 21, 1969

Dr. G.O.W. Kremp
Geochronology Lab.
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Under separate cover we are sending you the customary proof copy of Vol. 31 of the Catalog for your perusal. Following the procedure established a couple of volumes ago, it will not be necessary for you to return this copy to us. If you like, you may tear the sheets out on which you wish to make red-pencil marks and send those sheets to us. Naturally, we would also appreciate any general comments you may have, but I usually regard such comments more for our edification with respect to future volumes than with regard to corrections of the volume you are reviewing. The reason is that changes which involve alteration of page assignments get us into difficulty as far as the indexing, footnoting, and so forth are concerned. Perhaps we should consider including you in the earlier stage of volume preparation, when page numbers are first assigned.

If at all possible, we would like to have your comments on mistakes in Vol. 31 before 1 June, so that we can proceed with publication. Thank you very much for your continued cooperation. Best wishes.

Yours very truly,

Alfred Traverse
Editor
Catalog of Fossil Spores and Pollen

AT:kwc

Hunt Institute for Botanical Documentation

April 9, 1969

Dr. G.O.W. Kremp
Geochronology Labs.
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

Under separate cover I have sent you the papers you requested. The Brandon Lignite paper is now out of print, and the Bureau has no plans for republication at the moment. When my present stock of ten copies is exhausted, that's it.

It was good to see you again, but I suppose you are not at the moment very happy with me. We are not favorably inclined toward the suggestions for "cooperative effort" outlined by Wilson. I know that you do not share our misgivings, but they are well thought out and, in our opinion reasonable. There is no use getting tied into a system such as proposed by Oklahoma, when it is so obvious that the proposers of the scheme have in mind rigid control rather than true cooperation.

I believe that Sanders and I have explained sufficiently clearly the impossibility of "buying into" your setup. Tabbert had suggested this earlier, and I explained the situation to him too. It is just a fact of life that the NSF isn't going to fund us to buy an information service while at the same time funding us to produce one.

Best wishes as ever.

Yours very truly,

Alfred Traverse
Associate Professor of Geology

AT:kwc

cc: R.B. Sanders

Hunt Institute for Botanical Documentation

THE UNIVERSITY OF ARIZONA
TUCSON, ARIZONA 85721

DEPARTMENT OF GEOCHRONOLOGY

March 19, 1969

Dr. Alfred Traverse
Department of Geology & Geophysics
Dieke Building
The Pennsylvania State University
University Park, Pa., 16802

Dear Al:

Thank you so very much for sending me your list of publications for incorporation into our computer program. On the photocopy of the enclosed bibliography I have crossed those references which I feel should be included in our stratigraphic computer program. Of these papers, those which are marked with red marker I do not have in my possession and I will be very happy if they are available that you would send them to me.

Thank you very much for your cooperation.

Sincerely yours,

Gerhard

Gerhard O. W. Kremp
Professor

GOWK:ka

Hunt Institute for Botanical Documentation

Gertrude — Sorry it took so long to get this up-to-date bibliography to you. You can pick out what you want from it and request reprints of what you don't have — will be glad to send it — just give year and very abbr. title.

Best wishes — Al

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Hunt Institute for Botanical Documentation

March 7, 1969

Dr. G.O.W. Kremp
Geochronology Laboratories
University of Arizona
Tucson, Arizona 85721

Dear Gerhard:

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 andllibrary 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 researchpprojects, 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 area 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

Hunt Institute for Botanical Documentation

KREMP PALYNOLOGIC COMPUTER RESEARCH PROJECT
101 Avenida Carolina
Tucson, Arizona 85711

March 3, 1969

Dr. Alfred Traverse
529 Deike Building
Pennsylvania State University
University Park,
Pennsylvania

Dear Dr. Traverse:

I feel I should write to you and inform you about certain developments in our Palynology Data Retrieval program.

The many little technical difficulties which we had to overcome when we started our program seem to be ironed out now. The compiling process is proceeding at a sufficient pace and I am confident that within two years we can reach our goal of compiling all essential data from the 2,700 pre-Pleistocene papers in Stratigraphic Palynology; essentially all were published before 1967.

The palynologists of Mobil Oil Corporation, who watched our development closely for the past months, have decided to join our program. Although our compiling data will be available to the general public in a few years, there are, of course, a number of reasons why they decided to join the program now and to have available all compiled data sheets immediately. This move of the Mobil Oil group gave reason to discuss and establish a policy when we met in February of what should be done if other groups, particularily yours, should wish to join our program too. It was decided we would welcome your participation. However, for several reasons it seemed necessary to set up a late comer's fee. The fee would be $9,450 if your University comes in before May 31, 1969, but $9,900 if you join after this date but not later than August 31, 1969 and $10,800 from September 1, 1969 until the end of the contract, which is June 1970. The money would be used to speed up our compiling endeavor.

I was authorized to tell you that it is still possible for your to join the program. Please think it over. My honest personal feeling is that your University could hardly miss this chance of obtaining all the data for immediate incorporation into your own data retrieval system. If you should have any more questions please feel free to turn to me or to any of the responsible palynologists of the participating oil companies: Dr. G. Fournier, Gulf Research and Development Company; Dr. C. Upshaw, Pan American Petroleum Corporation; Dr. L. E. Stover, Esso Production Research Company; Dr. R. L. Tabbert, Atlantic Richfield Company, as well as Dr. Norman O. Frederiksen, Mobil Oil Corporation.

With the best greetings.

Sincerely yours,

Gerhard

Gerhard O. W. Kremp
Professor

GOWK:ka

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