

September 2, 1971

Dottoressa L. Cavagnaro Vanoni
Via Veneto 108
00187 Roma, Italy

Dear Lucia:

In checking our bookshelves, I discovered that the most recent issue that we have of Prospezioni Archeologiche is volume 4 (1969). Are there more recent issues, and if so, could you please send us copies of each along with a bill for them?

Toward the end of July, I was in Rome very briefly, and I realize now that I should have come to see you to straighten out this matter. Also, it would have been fun to see you.

With best regards,

Beth Ralph

BR/mm

August 5, 1960

Venner Electronics
Kingston Bypass
Buyfleet, Surrey
ENGLAND

Dear Sirs:

Will you please send me information about Venner transistorized amplifier units such as those used in the protonmagnetometer which was developed at Oxford University. Can they be purchased in this country directly from you or through a sales agent? Information about weight and cost will also be appreciated.

Sincerely yours,

EKR/lm

E. K. Ralph

C
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P
Y

VENNER



TELEPHONE: MALDEN 2442 (9 LINES)
TELEGRAMS & CABLES:
CLOXWICHES, PHONE, NEW MALDEN

ELECTRONICS LIMITED

SUBSIDIARY OF VENNER LIMITED

KINGSTON BY-PASS NEW MALDEN
SURREY

YOUR REF

OUR REF

EFD/PD.

DATE August 12th 1960.

University of Pennsylvania,
Department of Physics,
Philadelphia 4,
U.S.A.

Attention: E.K. Ralph, Esq.,

Dear Sirs,

We thank you for your enquiry dated the 5th August and have pleasure in enclosing herewith Leaflet VE104 which describes our range of transistor plug-in stages. In particular we would draw your attention to page 16 which illustrates our Two stage amplifier type TS4. All prices shown are nett FOB.

We also enclose a copy of our new short form catalogue which gives details of all our products.

All stages and instruments can be bought direct from us as we have no agent in the U.S.A.

Should there be any further information you may require, please do not hesitate to contact us.

Yours faithfully,
for VENNER ELECTRONICS LTD.,

E.F. Dunkin.
Sales Engineer.

Enc. S.F.C.
VE104.

1/22/1968

Garvens succ. Vannini
Piazza Indipendenza 10
Roma, Italia

Gentili Signori:

A Cassano Ionio noi abbiamo 4 pompe di scarico
(Weda Drainage Pumps) di queste misure:

Weda Drainage Pump
Serial Nos. E11000 and E11017 (e 2 altre)
Wedaverken, Sodertalje, Sweden
L200, Voltage 380/220, Cycles 50, Amps 3.2/5.5
RPM 2800, HP 1.5

Head ft	7	20
Imp GIs	270	130
Head ft	15	50
Imp GIs	120	11

Nel passato abbiamo usate queste pompe di scarico
(pompe elettrice) in aqua salata, ma ora si vorrebbe
chiedere se possono essere usate anche in aqua dolce.
Vorremmo anche sapere se ci potete dire se queste pompe
sã possono usare per scaricare ghiaia, oltre che sabbia
e mota.

Qualsiasi informazione che ci potete mandare sara
molto apprezzata.

Sinceramente,

Elizabeth K. Ralph

EKR/abn

1/25/1968

Garvens succ. Vannini
Piazza Indipendenza 10
Roma, Italia

Gentili Signori:

Nella nostra lettera di 1/22/1968 la segretaria ha fatto un errore. Ha scritto che "Nel passato abbiamo usato queste pompe di scarico (Weda Drainage Pumps, pompe elettrice) in acqua salata, ma ora si vorrebbe chiedere se possono essere usate anche in acqua dolce." Invece, nel passato abbiamo usato queste pompe di scarico in acqua dolce, e ora si vorrebbe sapere se queste pompe si possono usare anche in acqua salata.

Qualsiasi informazione su questo punto che ci potete mandare sara molto apprezzata.

Distinti saluti,

Elizabeth K. Ralph

EKR/abn

October 23, 1952

Prof. R. L. Veselinovic
Djusina 11/II
Belgrade, Jugoslavia

Dear Prof. Veselinovic:

I am sorry that I will not be able to determine the age of your organic samples which you described in your letter of October 9, 1952. Our laboratory is just beginning to operate, and we have samples which our University Museum has collected which have first priority for, at least, a year.

The carbon fourteen laboratory at the University of Columbia under the direction of Dr. L. J. Kulp has been in operation for a longer time and has larger facilities. Therefore, I am forwarding your letter to Dr. Kulp and he will write to you if he is able to date your samples.

Sincerely yours,

Elizabeth Ralph

cc Dr. Kulp

December 9, 1961.

Dr. E. H. Vestine,
Dept. of Terrestrial Magnetism,
Carnegie Institution of Washington,
Washington, D. C.

Dear Dr. Vestine:

In the course of experiments with a proton magnetometer for archaeological field surveys, we have found the charts of total magnetic intensity and its secular change (Carnegie Publication No. 578) extremely helpful.

Can you tell me whether charts of either or both have been published more recently, that is, since 1947? Our university libraries seem to be strikingly deficient in this respect.

Sincerely yours,

EKR:LF

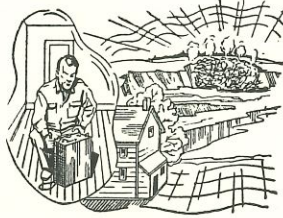
Elizabeth K. Ralph

C
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P
Y

THE VIBRATION ENGINEERING COMPANY, INC.

INDUSTRIAL SEISMOLOGISTS - EXPLOSIVES ENGINEERS
CONSULTANTS ON VIBRATION & EXPLOSION EFFECTS
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NITE PHONES: GLADSTONE 5-3025
CONYNNGHAM, PA. SUNSET 8-5471
PITTSBURGH AREA OFFICE
BOX 431, BRADFORDWOODS, PA.
PHONE: WEXFORD, PA. WESTMORE 5-1655

PLS. REPLY TO: Hazleton, Pa.
November 11, 1960

Dr. Froelich Rainey
University Museum
University of Pennsylvania
Philadelphia, Pennsylvania

Dear Dr. Rainey:

I note in Science News Service a summary of your joint report in Expedition of the Archaeologic Work done in the Cerro de los Mesas region of Mexico with electrical resistivity. I had been wondering how you made out.

Apparently your work was not too conclusive but we would be interested in having a full copy of the report if available. Could you send us one? We might be able to offer some suggestions.

If you have concluded your work with this equipment we might be interested in buying this from the University or whomever it belongs to.

May we hear from you.

Yours very truly,

THE VIBRATION ENGINEERING CO., INC.


R. L. Klotz, President

RLK:fp

*Summer 1960 "Expedition"
sent 11/16/60, postcard advising
it is on the way. RD*



VICTOREEN

THE VICTOREEN INSTRUMENT COMPANY

5806 Hough Avenue, Cleveland, Ohio 44103

Endicott 1-6200, TWX 216-574-9320

May 8, 1964

UNIVERSITY OF PENNSYLVANIA
Department of Physics
Philadelphia 4, Pennsylvania

Reference: Your Letter dated May 5, 1964

Gentlemen:

We regret to advise that we are unable to quote on the items mentioned in your inquiry dated May 5, 1964. However, we do take this opportunity to thank you for your invitation.

Please consider us as suppliers for your future requirements.

Very truly yours,

THE VICTOREEN INSTRUMENT COMPANY



A. E. Over
Sales Manager
Components

AEO:esk

June 4, 1970

Professor Torgny Säve-Söderbergh
Victoriamuseum för Egyptiska Fornsaker
Gustavianum, Uppsala
Sweden

Dear Professor Säve-Söderbergh:

Thank you very much for your helpful reply to my cable. Since we have not heard from Lanny Bell and no one here knows exactly where he is, we decided to bother you for the latest information. Hopefully, Lanny will confer with Dr. Martin in London on his way home.

The reason for the urgency is that the foundation that has given us some funds for the C-14 dating of Egyptian samples is having a meeting of their Board of Directors on June 15th. We are hoping to get an additional grant from them for thermoluminescence dating of potsherds and faience samples representative of some of the Egyptian Dynasties. However, they are reluctant to give us a new grant until we have shown some progress with the C-14 one. This objection is somewhat stupid because it is much easier to obtain appropriate samples of potsherds and faience from Museum collections, but we have not yet convinced them that the problems of the two dating techniques are quite different.

For C-14 at the moment, we plan to make a greater effort to find out if some short-lived and appropriate samples can be found among Museum collections in the U.S.A. Perhaps, personal visits will be more fruitful than letter-writing. There is also a rumor that Zaky Iskander is coming to Boston to attend a symposium in mid-June. We hope that this is true.

Ingrid Olsson's tabulation will be very helpful, and we shall look forward to receiving a copy.

We all hope that the situation in Egypt will be better in the autumn.

With best regards to you and to Mrs. Sève-Söderbergh, I am,

Sincerely yours,

Elizabeth K. Ralph

EKR/mm

Uppsala Universitets
VICTORIAMUSEUM
för Egyptiska Fornsaker
Gustavianum, Uppsala

28.5.1970

Miss Elizabeth Ralph
The University Museum
University of Pennsylvania
Thirty-third and Spruce Streets
Philadelphia

Dear Miss Ralph,

Thank you very much for your cable which I received today.

After my return from Egypt I wrote a letter to Dr. Rainey on March 3rd where I explained the situation regarding the search for samples in Egypt. The political situation made it impossible to travel in the country and it proved impossible to go the sites where additional samples could perhaps be obtained. Dashur was bombed when I was in Saqqara and so I could not even visit the pyramids of the 12th Dynasty. I met Dr. Martin, who has collected samples for the British Museum earlier and he promised that he would look around for the possibilities to obtain datable samples. I also advised Lanny Bell to contact Dr. Martin so that they could compare notes and see if they could ^{do} something together. Since then I have not heard anything definite from them, which presumably means that nothing much could be accomplished.

The first trip was made on my own account as a reconnaissance and in order to contact the Egyptian authorities, who were all very positive, but who could not do much for the project under the present conditions.

Thus I ~~do not~~ think that any field work must be postponed to next autumn in the hope that the general situation will be more favourable then. When I received the grant I felt that it would be pointless to return in Egypt only to meet the same difficulties again.

In the meantime I have asked Indrig Ohlsson to tabulate all the results available so far and to clarify for which periods samples are especially needed in order to have enough samples per century for a statistically satisfactory check. We hope

to be able to send out these tabulated results and a digest of the answers to our first circular letter in the near future. I have the feeling that it is important to send out a second circular before the excavation season starts in Egypt, so that every expedition could have a copy of it. Maybe something could be accomplished through a collaboration of the expeditions, and if the political situation allows it I hope to be able to have a better result next season by going back to Egypt and looking around on the relevant sites.

Thus, so far the development of the project has been most unsatisfactory, but I don't feel so guilty about it, as it is the war and not myself which has prevented any serious work.

I hope this short briefing will be enough for your purpose until you hear from me again.

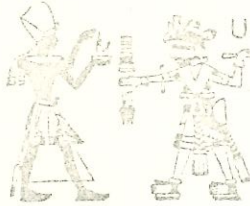
With kindest regards

8

Yours sincerely,

Torgny Säve-Söderbergh
Torgny Säve-Söderbergh

THE UNIVERSITY MUSEUM



UNIVERSITY OF PENNSYLVANIA

THIRTY-THIRD AND SPRUCE STREETS

PHILADELPHIA, PA. 19104

CABLE ADDRESS "ANTIQUE"

TELEPHONE: EVERGREEN 6-7400

(AREA CODE 215)

November 30, 1972

Dear Dr. Vidale:

December 6 sounds fine. I will be happy to see you.

Sincerely,

Froelich Rainey
Director

Dr. Marcello L. Vidale
100 Memorial Drive
Cambridge, Mass. 02142

100 Memorial Drive
Cambridge, Mass. 02142
November 28, 1972

(617) 864-9188

Professor Froelich Rainey, Director
The University Museum
University of Pennsylvania
Thirty-Third and Spruce Streets
Philadelphia, Pa. 19104

Dear Professor Rainey:

Many thanks for your letter of November 18. We are most eager to avail ourselves of the opportunity of meeting with you and your colleagues and to learn about the activities of the Applied Sciences Center.

Wednesday, December 6, would be a suitable day for us and we could arrange to be in your office at about 10 A.M. If that date or time are not convenient, would you be good enough to let us know and to suggest an alternate date.

We look forward to making your acquaintance.

Sincerely,



Marcello L. Vidale

November 18, 1972

Dear Dr. Vidale:

I have your letter of November 13 and am just getting off for a week in Canada but I do expect to be here after that until Christmas time. Your interests in archaeology and the new techniques certainly fit with what we are doing here. Perhaps you and your wife can manage to be here sometime early in December to see what we are doing in the Applied Sciences Center and then decide if this is the place you wish to continue to study and research.

Very best wishes,

Froelich Rainey
Director

Dr. Marcello L. Vidale
100 Memorial Drive
Cambridge, Mass. 02142

100 Memorial Drive
Cambridge, Mass. 02142
November 13, 1972

Professor Froelich G. Rainey
Department of Anthropology
University of Pennsylvania
Philadelphia, Pennsylvania 19104

Dear Professor Rainey:

Professor Cyril S. Smith has suggested that my wife and I consult you about a rather special situation in which we find ourselves. We are both in our forties and have the PhD degree, my wife in Experimental Psychology and I in Physics. As indicated in the enclosed curriculum vitae, however, my professional experience has been largely in the area of systems analysis.

We have recently spent fifteen months in Tehran where I served as adviser to a consulting institute of the Iranian government and my wife was visiting professor at the University of Tehran. It was during our stay in Iran that a long-standing interest in archaeology crystallized into the resolve to try to enter the field on a professional level. On our return to Cambridge this fall, we enrolled at Harvard as special postdoctoral students and are currently engaged in an intensive program of readings in Middle Eastern archaeology.

In view of our backgrounds, we feel drawn to the more technical aspects of the field. Since the University of Pennsylvania is clearly preeminent in this sphere, we would appreciate the opportunity of exploring with you and your colleagues the possibility of pursuing studies and research in your department. Would you be good enough to let us know when in the near future it would be convenient for you to see us?

Sincerely yours,



Marcello L. Vidale

PUBLICATIONS

A large nuclear disintegration produced by a very high energy alpha-particle of the cosmic radiation. J. J. Lord, M. Schein and M. Vidale. Physical Review, 1949, 76, 321.

The intensity of the total and of the hard component of the cosmic radiation as a function of altitude at geomagnetic latitudes of 28°N and 55°N. M. Vidale and M. Schein. Physical Review, 1951, 81, 1065.

High energy nuclear interactions of cosmic ray particles close to the top of the atmosphere. M. L. Vidale and M. Schein. Il Nuovo Cimento, 1951, VIII, 774.

Multiple events produced in hydrogen by very high energy cosmic ray particles at an altitude of 90,000 feet. M. L. Vidale and M. Schein. Physical Review, 1951, 84, 593.

Intensity of the soft and hard component of the cosmic radiation as a function of altitude at geomagnetic latitudes of 28°N, 41°N, and 55°N. M. L. Vidale. Physical Review, 1952, 88, 266.

Kinetic energies of V_1^0 particles. J. Ballam, D. R. Harris, A. L. Hodson, R. R. Rau, G. T. Reynolds, S. B. Treiman, and M. Vidale. Physical Review, 1953, 91, 1019.

A graphical solution of the transportation problem. M. L. Vidale. Operations Research, 1956, 4, 193.

An operations-research study of sales response to advertising. M. L. Vidale and H. B. Wolfe. Operations Research, 1957, 5, 370.

The use of consumer panels to interpret market behavior. M. L. Vidale. Rivista Internazionale di Scienze Economiche e Commerciali, 1960, VII.

Brand loyalty and consumer loss. M. L. Vidale. Rivista Internazionale di Scienze Economiche e Commerciali, 1960, VII.

Technical reports on economic analysis, management sciences, physical parameters of the ocean, oceanographic instruments and research vessels, and the economic potential of marine resources.

VITA

Name: Eda Berger Vidale

Address: 100 Memorial Drive
Cambridge, Mass. 02142

Telephone: (617) 864 9188

Date of Birth: April 6, 1928

Place of Birth: Frankfurt, Germany

Citizenship: United States

Education

Hunter College	B.A. - 1951	Psychology
Columbia University	M.A. - 1953	Experimental Psychology
	Ph.D. - 1956	Experimental Psychology

Thesis topic: Color vision and
color blindness

Professional Experience

Columbia University, 1955-57
Senior Engineering Psychologist, Electronics Research Laboratories

Analyses of human factors problems in the design and
development of engineering systems

Hunter College, 1956-57
Lecturer, Department of Psychology

Massachusetts Institute of Technology, 1958-65
Research Associate, Research Laboratory of Electronics

Studies in the electrophysiology of the nervous system

Harvard University, 1967-69
Fellow, Radcliffe Institute

Historical survey of concepts about the brain and higher
mental processes in classical antiquity and medieval Europe

University of Tehran (Iran), 1971-72
Visiting Professor, Department of Psychology

Teaching experimental psychology to graduate students
and supervising their research projects

PUBLICATIONS

Luminosity functions for normal and dichromatic subjects including a case of unilateral color blindness. C. H. Graham, Y. Hsia and E. Berger. J. opt. Soc. Amer., 1955, 45, 407.

Vision. C. G. Mueller and Eda Berger. Ann. Rev. Psychol., 1956, 7, 365-390.

Some visual functions of a unilaterally color-blind person. I. Critical fusion frequency in various spectral regions. Eda Berger, C. H. Graham and Yun Hsia. J. opt. Soc. Amer., 1958, 48, 614-622.

Some visual functions of a unilaterally color-blind person. II. Binocular brightness matches in various spectral regions. Eda Berger, C. H. Graham and Yun Hsia. J. opt. Soc. Amer., 1958, 48, 622-627.

Sensory communication and sensory performance. W. A. Rosenblith and Eda Berger. In Otto Glasser (Ed.), Medical Physics, Vol. 3. Chicago: Year Book Publishers, 1960. Pp. 471-474.

A quantitative view of neuroelectric events in relation to sensory communication. W. A. Rosenblith and Eda B. Vidale. In Sigmund Koch (Ed.), Psychology: A Study of a Science, Vol. 4. New York: McGraw-Hill, 1962. Pp. 334-379.

DEPARTMENT OF CLASSICS



THE UNIVERSITY OF ALBERTA
EDMONTON 7, CANADA

25th February 1972

Miss Elizabeth Ralph,
MASCA,
The University Museum,
33rd & Spruce Street,
Philadelphia, Pennsylvania 19104.

Dear Beth,

With regard to Casa San Paolo, where you were so very helpful to us last summer, I have run into a serious problem of chronology. Briefly, it appears that uncalibrated radiocarbon dates, on which the chronology of the Italian Neolithic depends, are much too low, with the result that we now have about a millenium that can't be accounted for in any very satisfactory way.

E. Neustupný, ("A New Epoch in Radio-Carbon Dating", Antiquity 44, 1970, p. 41) says that bristlecone pine calibration requires adding c. 8-900 years to conventional C-14 dates for the period 5150-4000 B.C. Since you have done so much work in this area, I should very much like to know whether you agree with this, and what the correction factor would be for the period 4000-1000 B.C.

My particular problem is that we have a fairly good fix for the full Bronze Age in Italy from synchronisms with Greek pottery, which in turn is ultimately dated from the Egyptian calendar. But the early Bronze Age and Chalcolithic period, as well as everything before that, depends on C-14 dates. With the new, high, calibrated dates, we are faced with an extremely protracted Late Neolithic - Chalcolithic period. Any information which you can furnish would be greatly appreciated.

I also want to thank you very much for the splendid job you did for us at Casa San Paolo. The magnetometer work, and the resulting plans, are absolutely invaluable.

Best regards,

SPV:ps

March 1, 1972

Dr. Peter Vinson
Department of Classics
The University of Alberta
Edmonton 7, Canada

Dear Peter,

Thanks for your letter of February 25th.

In regard to correcting C-14 dates, one may use a calibration curve as Suess at La Jolla does or a table of correction factors such as our MASCA Table. Our new one is broken down into 250-year intervals. Therefore, one takes a C-14 date calculated with the 5730 half-life and then looks for its range in the left-hand column to find its correction factor in the 2nd column.

If the C-14 date has been calculated with the old Libby half-life, 5568 years (as they all are in Radiocarbon), you first increase the B.P. age by 3%. For example, if the 5568 date is 1000 B.C., proceed as follows:

$$1000 + 1950^* = 2950 \text{ B.P.}$$

* B.P. dates are calculated from A.D. 1950

$$2950 \times 1.03 = 3039$$

$$3039 - 1950 = 1089 \text{ B.C.}$$

$$1089 + 100 \text{ years} = 1189 \text{ B.C.} = \text{MASCA corrected date.}$$

I hope that this will answer your questions. I have enclosed a reprint in which the MASCA factors are explained. For more information, I recommend our new book "Dating Techniques for the Archaeologist," which is advertised in the enclosed Newsletter.

419 N. Bouldin Street
Baltimore, Maryland 21224
March 25, 1971

Miss Elizabeth Ralph
University Museum
33rd and Spruce Sts.
Philadelphía, Pa.

Dear Miss Ralph:

I take this opportunity to write to you on behalf of the University of Maryland Baltimore County Archaeology Club. This newly formed organization, under the leadership of Miss K. D. Vitelli and Dr. Austin P. Platt, is initiating the excavation of an Indian habitation site recently found on the university's property. Initial dating has placed the age of this four level site at approximately two to three thousand years old.

We are in the process of compiling the necessary information and equipment for this undertaking. We would greatly appreciate any information concerning Carbon 14 dating you could supply us with. We are seeking such information as the proper ways to take Carbon samples, the proper data to record with the taking of such samples and so forth. Any such information you could supply us with would be most helpful and deeply appreciated.

Thank you very much.

Sincerely,

George M. Vitak

419 N. Bouldin Street
Baltimore, Maryland 21224

March 31, 1971

Mr. George M. Vitak
419 N. Bouldin Street
Baltimore, Md. 21224

Dear Mr. Vitak:

In regard to collecting C-14 samples, I am sending you a copy of our sample requirement sheet as well as an example of a sample bag and a list of the requisite items of information that are required for each sample. Also included is a copy of our article in Archaeometry.

If you are planning to send them here, I am sorry to say that we have a 2-year backlog, and that we may not accept more samples without the approval of Dr. Froelich Rainey, Director.

If you have more questions, I shall be glad to try to answer them.

Sincerely yours,

Elizabeth K. Ralph

EKR/emf

Encl.



DEPARTMENT OF GEOGRAPHY

Queen's University
Kingston, Canada
K7L 3N6
Tel. 613 547-2796

To: Officer in Charge of the Radiocarbon
Dating Laboratory

May 28, 1980

Dear Madam/Sir :

I am writing to you on behalf of the INQUA Commission Paleopedology for the Working Group on Dating of Paleosols. The objectives of this Group are outlined in the enclosed flyer.

One of the more important things that I am trying to document for the Group concerns the ongoing research activities on dating of soil constituents. You would considerably facilitate my job, if you would fill in and return to me the enclosed questionnaire, which I am mailing to all Radiocarbon Dating Laboratories that are listed in the journal Radiocarbon. Item 1 is self-explanatory, while items 2, 3, and 4 aim at finding out where and by whom systematic research is being carried out of the kind identified. Apart from using item 5 for general comments, please indicate the names of persons, other than yourself who may be involved in such research at or through your laboratory.

Your cooperation will be highly appreciated. Thank you for your attention.

Yours sincerely,

Willem J. Vreeken

INQUA COMMISSION PALEOPEDOLOGY / SUBCOMMISSION PALEOPEDOLOGY ISSS COMMISSION V

WORKING GROUP ON DATING OF PALEOSOLS

Convenor: W.J. Vreeken
Dept. of Geography
Queen's University
Kingston, Ontario K7L 3N6
Canada

I. OBJECTIVES OF THE WORKING GROUP

A. to prepare a review of the principles, limitations, and prospects of various relative and absolute methods for dating of paleosols.

Methods for age assessment include: 1. stratigraphical-geomorphological means; 2. paleontological-paleoecological means (e.g. pollen, phytoliths); 3. lichenometry; 4. amino acid racemization ratio's; 5. isotope radiometry; 6. paleomagnetism; 7. fission track; 8. thermoluminescence; 9. weathering or alteration criteria for rocks and minerals (e.g. weathering rinds, obsidian hydration); and others.

In paleopedology, some of these methods are in common use but others have not been applied yet. There are cases where age estimates for paleosols are dubious, e.g. because sample collecting, handling, and/or storage was done improperly; because the testing material was improperly extracted or enriched; because the wrong testing material was assayed; because the sample did not represent the unit to be dated; or because the dating technique itself was still in a state of flux. Thus, a review of methods is needed both for present and prospective users in paleopedology. For each method, it should cover the following major aspects, while details will be method-specific and are merely indicated for purposes of illustration :

1. principles of, and limitations inherent to the dating technique itself (basic assumptions; required kind, amount, and condition of testing material; accuracy of result; limits of datable age interval; dependance upon other dating techniques for calibration);

2. proven or prospective applicability and limitations of the technique to dating of paleosols, their substrate or parent material, and/or of their overburden when present (rules for collecting, handling, and storing of sample materials; methods to extract or relatively enrich the testing substance; evaluation of contamination (natural and/or artificial) factors; cross-referencing with results from alternative dating methods).

B. to prepare and continuously update a register of dated paleosols.

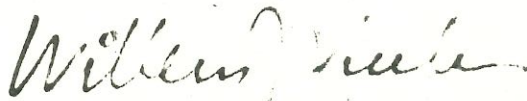
Only radiocarbon datings are centrally reported in the literature, albeit without the paleopedological focus. A register will provide the background needed for new, further, and/or corrective studies on dating of paleosols.

II. REALIZATION OF OBJECTIVES

As convenor of this working group, I solicit contributions from those who have first-hand experience with respect to items identified under A. above. Contributions solicited entail both references to published work (also reprints please), and personally held views. For the review of each of the identified methods of dating, the cooperation of at least one expert on item A.1., and at least one expert on item A.2. is necessary to prepare a report to the Commission Paleopedology at the XIth INQUA Congress at Leningrad, 1981.

In addition, I solicit support to materialize item B: the register. Attached is a questionnaire asking for the basic information deemed necessary. Responses will be computerfiled to facilitate retrieval demands.

I am looking forward to fruitful collaboration.



Willem J. Vreeken
July, 1979

[N.D.]

Dear Miss Voight,

For our thermoluminescence (TL) experiments, we should like to have a ~~sherd~~ large sherd (~~at least~~ about 100 grams) taken directly from the ground at Hasaulu, & sealed immediately in a plastic bag as well as ~~a~~ 10 grams or more of the soil surrounding it. We are trying to study the effect of moisture in the earth upon the ~~radio~~ inherent radioactivity in the pottery.

We should prefer a sherd (or groups of them adding up to 100 grams) from ~~level~~ Period V, but we could use ones from Period IV or any other level that has associated ^{14}C dates.

If you have left Hasaulu, I would appreciate it if you could ask some one who will be returning to collect these samples. ~~If you are~~
~~there~~

Thank you in advance.

With best regards,

EKR