

December 19, 1951

Science  
1515 Massachusetts Avenue, NW  
Washington 5, D. C.

Dear Sirs:

I would like to suscribe to Science starting, if possible,  
with the November 30, 1951 issue.

I am constructing radiocarbon age determination equip-  
ment for the University of Pennsylvania and am particularly interested  
in the radiocarbon dates which you are publishing.

Yours very truly,

Elizabeth K. Ralph

December 19, 1951

Mr. George F. Will, Treasurer  
Box 600  
Bismarek, North Dakota

Dear Mr. Will:

I would like to suscribe to American Antiquity.

Could you please send me an application form.

I am constructing radiocarbon age determination equipment for the University of Pennsylvania and am particularly interested in the radiocarbon dates which you are publishing.

Yours very truly,

Elizabeth K. Ralph

December 20, 1951

National Fire Protection Association  
60 Batterymarch Street  
Boston, Mass.

Dear Sirs:

I am looking for information about the hazards connected with the use of liquid air. I am using liquid air in Dewar flasks surrounding traps with ground-glass joints and I was wondering, especially, if there was any danger from the liquid air coming in contact with the stopcock grease particularly at the end of the week when the concentration of oxygen in the liquid air is greater.

If you could send me any literature on this subject or know where I can obtain it, I would appreciate it very much.

Yours very truly,

Elizabeth K. Ralph

September 12, 1952

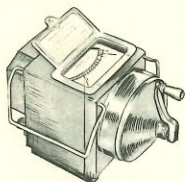
James G. Biddle, Company  
1316 Arch Street  
Philadelphia 7, Pennsylvania

Dear Sirs:

Will you please send me a copy of your Bulletin  
43-SM which describes the properties of Apiezon compounds,  
as advertised in Science.

Very truly yours,

E. K. Ralph



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TRADE MARK REG. U.S. PAT. OFF.  
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1316 ARCH STREET  
PHILADELPHIA 7, PA.

9/23/52

Mr. E. K. Ralph, Res. Asst.  
University of Pennsylvania,  
Physics Dept.  
Philadelphia, 4, Pa.

Dear Sir:

We are mailing under separate cover the literature recently requested. Material dealing with related subjects has been included in the hope it will be found of interest.

Our experience in the instrument field covers a period of many years and we trust that you will avail yourself of our engineering facilities in relation to any problems that confront you involving the possible use of instruments supplied by this company. Please do not hesitate to call on us should you require further information concerning operating characteristics, prices, or problems of selection.

If for some reason you do not receive the bulletins within a reasonable time, we would appreciate advice so that a duplicate set may be forwarded to you.

Very truly yours,

JAMES G. BIDDLE CO.

*Edw. H. Wannemacher*

EHW:hnm

E. H. Wannemacher

Inq.

January 15, 1953

Dr. George F. Will  
Treasurer of the Society for American Archaeology  
322 Fourth Street  
Bismarck, North Dakota

Dear Dr. Will:

I would like very much to have a copy of  
Memoir No. 8, Supplement to American Antiquity, Volume XVII,  
Number 1, Part 2, July 1951. If one is available, I will  
appreciate it if you would send it to me and bill me for it.

Very truly yours,

Elizabeth K. Ralph

July 22, 1953

Mr. Daniel E. Lynch  
Coordinator of Special Products  
Health and Safety Division  
U.S. Atomic Energy Commission  
P.O.Box 30, Ansonia Station  
New York 23, N.Y.

Dear Mr. Lynch:

I have'nt received the after the fact information on fallout in Philadelphia from the spring series of bomb tests. I am wondering if it would now be possible to send it to me, as you mentioned in your letter of January 23, 1953.

Thank you for your cooperation.

Very truly yours,

Elizabeth K. Ralph

EKR:js



CABLE ADDRESS "MOTA"  
IN YOUR REPLY PLEASE QUOTE  
FILE NO. 208-1-4

ATOMIC ENERGY OF CANADA LIMITED

CHALK RIVER PROJECT

CHALK RIVER, ONT.

July 30, 1953.

Mr. E.K. Ralph,  
Randal Morgan Laboratory of Physics,  
University of Pennsylvania,  
Philadelphia 4, Penn.

Dear Mr. Ralph:-

We have your request of July 22nd for the report CRL/AE-102: "The C14 counting efficiency and background of a liquid scintillation counter", by B.N. Audric and J.V.P. Long.

This is a British report issued by the Dept. of Scientific and Industrial Research, Chemical Research Laboratory, Teddington, Middlesex, England. We receive copies of their reports for our use on this project but we do not loan them outside the country. If you will write to the Librarian at the Atomic Energy Establishment, Harwell, Berks, England, your request will be forwarded to the Chemical Research Laboratory at Teddington and a copy will probably be sent to you.

Perhaps it might be quicker to write to the U.K. Scientific Mission, 1600 K Street, N.W. in Washington and request the report from them.

Yours very truly,

Helen P. McGregor, Librarian.

August 10, 1953

United Kingdom Scientific Mission  
1600 K Street, N.W.  
Washington, D.C.

Dear Sirs:

I would like to obtain a copy of an article entitled "C 14 Counting Efficiency and Background of a Liquid Scintillation Counter by B.N. Audric and J.V.P. Long (CRL/AE102)(Microcard). I believe that this is a British report issued by the Department of Scientific and Industrial Research.

Our library does not have this series and I would appreciate it if you would send it to me or tell me where it is available.

Very truly yours,

Elizabeth K. Ralph

EKR:js

RESEARCH LABORATORY FOR ARCHAEOLOGY  
AND THE HISTORY OF ART

TEL. 55211

6 KEBLE ROAD  
OXFORD

ETH/CHJ

28th April 1960.

Miss E. K. Ralph,  
Radiocarbon Laboratory,  
Department of Physics,  
University of Pennsylvania,  
Philadelphia 4,  
Pennsylvania, U.S.A.

Dear Miss Ralph,

Thank you for your letter of 19th April, and for your interest in our bulletin Archaeometry. Unfortunately both Volume 1 and Volume 2 are now out of print, but we have put you on our list to receive a copy of Volume 3 when it is printed later this spring. The subscription of three dollars which you have kindly sent will be used for Volume 3 and the ensuing issues.

You might like to know that we have sent copies of Archaeometry to the following addresses in Pennsylvania:

Dr. R. Feller, Mellon Institute, Pittsburgh, Penn.

Prof. F. R. Matson, 119 Sparks Bldg., The Pennsylvania State University, University Park, Philadelphia.

Philadelphia University Museum, 33rd and Spruce Streets, Philadelphia 4.

Perhaps it would be possible for you to borrow from one of these.

Yours sincerely,

E. T. Hall

December 21, 1961

Business Manager  
Radiocarbon  
American Journal of Science  
Box 1905A, Yale Station  
New Haven, Connecticut

Dear Sir:

There seems to be some confusion about our orders for volume 3 of Radiocarbon.

Many months ago I sent a personal check (\$14.00) for two copies and received one.

More recently, the University Museum sent a purchase order for one copy each of vols. 1, 2, 3 and received only vols. 1 and 2.

Therefore, I asked Miss Flamin to write to you and request the two missing copies of vol. 3.

The matter has been confused additionally because your bill to the University Museum for vols. 1 and 2 went astray in the University mail. I hope that this has now been straightened out.

*The University Museum requests that you bill them directly*  
~~I have given one copy of the bill enclosed to the University Museum and have instructed them to pay you~~  
for one copy of vol. 3, in completion of the Museum purchase order.

Sorry that there has been so much confusion about these orders.

Sincerely yours,

Elizabeth K. Ralph, Director  
Techniques Laboratory  
Dept. of Physics and  
University Museum

Encl.  
EKR/deh

UNIVERSITY OF CAMBRIDGE  
BOTANY SCHOOL, DOWNING STREET,  
CAMBRIDGE, ENGLAND

We acknowledge with thanks  
receipt of your publication(s):

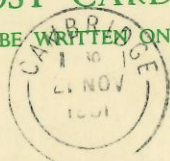
20 Nov. 1961  
Pro commentariis acceptis  
gratias agimus maximas:

The reprint  
"Cactus for rita in the Mediterranean  
Area.

It is very welcome. Hope all  
from my wife  
Yours  
H. Gonski

POST CARD

ADDRESS TO BE WRITTEN ON THIS SIDE



B B C  
J U B I  
1936 - 1761



D. E. K. Ralph  
Dept. of Physics  
University of Pennsylvania  
PHILADELPHIA 4  
PA.

U.S.A.

February 19, 1962

Publications Distribution Section  
Bureau of Mines  
U. S. Dept. of the Interior  
4800 Forbes Avenue  
Pittsburgh 13, Pa.

Dear Sirs:

I shall appreciate it very much if you will send me one copy of publication no. 5882 entitled "Seismic Methods of Detecting and Delineating Sub-surface Subsidence" by Leonard Obert and Wilbur I. Duvall. (USDILC TN23. U7 no. 5882, DD622.06173).

Sincerely yours,

E. K. Ralph

EKR/deh

C  
O  
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Y

March 8, 1962

American Electroplaters' Society  
445 Broad Street  
Newark 2, New Jersey

Dear Sirs:

I shall appreciate it very much if you will send me a copy of the Electroplaters' Handbook for 1962 (or 1961).

Please send it and the bill to this address.

Sincerely yours,

Elizabeth K. Ralph

EKR/law

C  
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Y

October 10, 1962

Dr. Robert J. Drake  
Department of Zoology  
The University of British Columbia  
Vancouver 8, British Columbia  
Canada

Dear Dr. Drake:

Thank you very much for sending me  
"Molluscs in Archaeology and the Recent, 7."  
The summaries of conference plans and reports  
are extremely helpful in keeping one "up-to-date."

Sincerely yours,

Elizabeth K. Ralph

EKR:dml

October 30, 1962

Mr. Stephen E. Dwornik  
Program Chairman of Detection Symposium  
Held 19-20 March, 1962  
USAERDL  
Ft. Belvoir, Virginia

Dear Mr. Dwornik:

It has just occurred to me that we have not yet received copies of the Detection Symposium reports.

I am wondering if these are now available, and if so, we should like very much to have two copies.

I continue to think of your symposium as one of the most stimulating conferences which I have attended.

Sincerely yours,

Elizabeth K. Ralph

EKR/deh

C  
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Y



SYRACUSE UNIVERSITY  
SCHOOL OF LIBRARY SCIENCE

ASCA  
Can you send  
her something?  
7/12

May 2, 1972

Dr. Froelich Rainey  
Museum Director  
University of Pennsylvania  
33rd and Spruce Streets  
Philadelphia, Pennsylvania 19104

Dear Dr. Rainey:

I became aware of the convocation lecture you presented at Illinois College while browsing through their newsletter, "Illinois College Comments." Your topic, "The Application of Science in Archaeology," is of interest to me.

*If possible,*

If possible, would you please send me a copy of it at your convenience. You may bill me direct.

Thank you.

Sincerely,

*Pauline Atherton*

Pauline Atherton  
Professor of Library Science

PA/pb

March 12th, 1974

Karen K. Barnes  
Rt. 1, Box M46  
Lauringburg, NC 28352

Dear Ms Barnes,

In response to your request, I have enclosed a more recent reprint on the subject of TL dating. There is also a chapter in our book - H. N. Michael and E. K. Ralph, Coeditors, Dating Techniques for the Archaeologist (M.I.T. Press, 1971).

The grinding and mixing of the pottery is somewhat cumbersome to describe. Therefore, it would be easier to show you if you would like to visit our MASCA labs.

Sincerely yours,

Elizabeth K. Ralph

Rt. 1, Box M46  
Laurinburg, NC 28352  
March 7, 1974

MASCA, University Museum  
University of Pennsylvania  
Philadelphia, Pennsylvania

Dear Ms. Ralph & Mr. Han,

Here at St. Andrews Presbyterian College, we are attempting to begin a program of thermoluminescence dating of pottery sherds unearthed by members of our anthropology department. In preparation for this work, I have read several of your papers and articles published before 1970. Can you provide a more recent bibliography or reprints of later work?

Correct sample preparation seems to be a real key to reproducible work in this field. Your chapter on the "Potential of Thermoluminescence Dating" in "~~Science~~<sup>and</sup> Archeology", edited by Brill, briefly described a method of grinding and mulling with Duxe Silicone. Can you provide any more specifics for this technique? Or perhaps you have developed a newer, even more satisfactory method by now?

Occasionally I find myself in the Philadelphia area. Is any portion of your operation open to visitors? I would be most interested in visiting MASCA on my next trip if this is possible.

Thank you very much for your help.

Sincerely,

*Karen K. Barnes*  
Karen K. Barnes

June 16, 1976

Addison-Wesley/W.A. Benjamin, Inc.  
c/o Advanced Book Program  
Reading, Mass. 01867

Dear Sirs:

Please send me one copy of Physics of Quantum Electronics,  
vol. 4 entitled "Laser Photochemistry, Tunable Lasers, and Other  
Topics" edited by S.F. Jacobs, M.O. Scully, M. Sargent III, and  
C.T. Walker.

I shall appreciate it if you will send the bill with the  
book, but am glad to pay in advance if you prefer.

Sincerely yours,

Elizabeth K. Ralph

EKR:emd

*UNIVERSITY of PENNSYLVANIA*

PHILADELPHIA 19104

*The Faculty of Arts and Sciences*

DEPARTMENT OF PHYSICS

February 20, 1979

Educational Relations  
General Electric Co.  
Schenectady, NY 12345

Dear Sirs:

Our laboratory would like to acquire 3 copies of:

Chart of the Nuclides (11th Ed.)  
by Holden, N.E. & Walker, F.W. 1972

If there is any charge please bill us.

Thank you for your prompt attention.

Sincerely yours,

Barbara Lawn  
Radiocarbon Laboratory

BL/bac

Mrs. Renee S. Kra, Managing Editor  
Radiocarbon  
Box 2161, Yale Station  
New Haven, Conn. 06520

Dear Mrs. Kra

A copy of the request for back issues of Radiocarbon is enclosed. ARIT has paid its subscription for 1974, but has no back issues.

I have sent them a copy of Libby's Radiocarbon Dating.

I hope that Yale University will accept the obligation of sending the back issues. I suspect that ARIT has no funds to pay for them.

Peter Kuniholm is a graduate student in our Department of Classical Archaeology, who is spending a year in Turkey to try to establish a dendrochronological scale for central Anatolia.

Sincerely yours,

Elizabeth K. Ralph

P.S. A British Institute in Turkey may have copies of Radiocarbon

# THE UNIVERSITY MUSEUM



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CABLE ADDRESS: "ANTIQUE"

TELEPHONE: (215) 243-4000

DIRECTOR: MARTIN BIDDLE

Library

30 April, 1981


Dr. Elizabeth Ralph  
BW 4 David Rittenhouse Lab E 1

Dear Dr. Ralph:

Greg Possehl has given to the library the two volumes of the published proceedings of the Fourth International Conference of the Association of South Asian Archaeologists in Western Europe, held in the Istituto Universitario Orientale, Naples, 1977 which you gave to him. As it happens he has a set of his own.

The library is most grateful to have the papers and I want to thank you for making it possible for us to add them to our collection.

Sincerely yours,

  
J. S. Adelman  
Librarian

*UNIVERSITY of PENNSYLVANIA*

PHILADELPHIA 19104

*The Faculty of Arts and Sciences*

DEPARTMENT OF PHYSICS

August 14, 1979

Dr. David M. Burns, Director  
Climate Project, AAAS  
1515 Massachusetts Avenue, NW  
Washington, DC 20005

Dear Dr. Burns:

May I trouble you to send me a copy of the report of the Annaplois workshop on the subject of climate. (Science, 205, p.481)?

Thank you in advance.

Sincerely yours,

Elizabeth K. Ralph  
Radiocarbon Laboratory

EKR:bac