

TIME AND TOPIC

I. T I M E

LECTURER Elizabeth K. Ralph

1. Address: ~~Box 357 W~~ University Museum
33rd & Spruce Sts., Philadelphia Pa. ZIP 19104

Telephone: (Area Code) 215- EV 6-7400

Summer address (if other):

2. Please indicate which season you would prefer for a tour, and which, if any, is impossible.

Fall (Oct. 10-Dec. 10): _____ ?
Winter (Jan. 10-March 20) _____
Spring (April 1-May 15): _____

3. Specify extension or limitations of your time and availability within each lecture period above:

Do you prefer a tour with lectures scheduled on consecutive days yes, or would you like a break in the middle of your tour (if it can be worked out with the local societies) _____?

4. Preferred groups (SEE ATTACHED LIST), if any, in order of preference: 20,
or any other _____, _____, _____, _____.

5. AIA lectures are normally slide lectures. Slides should be 2x2 (35 mm. film), permanently bound, in color if possible. Please note that lectures requiring two projectors and screens are more difficult to arrange, so please tell us:

a. Number of projectors needed 1

b. Do you have color slides yes or black and white _____.

1969 tour

TIME AND TOPIC

Miss

LECTURER Elizabeth K. Ralph

1. Address: University Museum
33rd & Spruce Sts. Phila. ZIP Pa. 19104

Telephone: Area Code (215) EV 6-7400

Summer address (if other):
abroad

2. Please indicate which season you would prefer for a tour, and which, if any, is impossible.

Late Fall (Oct. 10-Dec. 10): Nov. to Dec.
Winter (Jan. 10-March 20): impossible
Spring (April 1-May 15): impossible

Specify extension or limitations of your time and availability within each period:

I am least likely to be away
on field trips in Nov. & Dec.

Preferred groups (see attached list), if any, in order of preference: 20, or,
any other

3. AIA lectures are normally slide lectures. Slides should be 2x2 (35 mm. film), permanently bound, in color if possible. Please note that lectures requiring two projectors and screens are more likely to run into projection trouble. Number of projectors needed: one two .

4. Lecture titles offered, with brief paragraph describing each lecture:

A. Problems of the Radiocarbon Calendar
Brief review of the technique & precision of C-14 dating.
Summary of what is now known about fluctuations in the atmospheric inventory of C-14. Explanation ^{of} how this has been determined by dating dendrochronologically dated ~~sequoia~~ samples

of sequoias and bristlecone pines, Review of the
Reasons for these fluctuations, based on samples of known age
Application of correction factors, to
C-14 dates & comparison with
Egyptian & other chronologies.

TIME AND TOPIC

I. T I M E

LECTURER Elizabeth K. Ralph

1. Address: University Museum, 33rd and Spruce Sts.
Philadelphia, Pa. ZIP 19104
Telephone: (Area Code) 215-EV6-7400

Summer Address (if other): Abroad

2. Please indicate which season you prefer for a tour, and which, if any, is impossible:

Fall (Oct. 10-Dec. 10): _____

Winter (Jan. 10-Mar. 20): _____

Spring (Apr. 1- May 15): April only

3. Specify extension of limitations of your time and availability within each lecture period above.

Except for April, I may be on field trips.

Do you prefer a tour with lectures scheduled on consecutive days? yes*
or, if it can be worked out with the local societies, would you like a break
in the middle of your tour? _____

* unless I am sent to San Francisco where I should like to spend 2 days.

4. Preferred groups (see ATTACHED LIST), if any, in order of preference:

20, 5, 14, or any other _____, _____, _____, _____, _____, _____

5. AIA lectures are normally slide lectures. Slides should be 2x2 (35 cm.), permanently bound, in color if possible. PLEASE NOTE THAT OUR SOCIETIES HAVE HAD DIFFICULTY ARRANGING FOR TWO PROJECTORS, so if possible try to arrange your lecture for single projection. Please tell us:

Number of projectors needed 1

Do you have color slides? yes or black and white? some

E. K. Ralph

TIME AND TOPIC (continued)

II. TOPIC

Please give us on this sheet your lecture titles, with a brief paragraph describing each lecture (THIS IS ABSOLUTELY ESSENTIAL). Our local secretaries have asked for more detailed lecture descriptions, and if possible, for a particular highlight of your talk, such as an unusual find, a new approach to an old problem, etc. This makes local publicity more interesting and will result, we hope, in larger audiences for your lectures.

A. Two Dating Techniques for Archaeologists - C-14 and Thermoluminescence.

The first and main part of the talk will be devoted to C-14 dating. This will include an explanation of the method, samples which are appropriate, chemical pre-treatments, sample processing in the laboratory, the methods of counting C-14, and the interpretation of C-14 dates. A discussion of the fluctuations of the atmospheric inventory in past times and the method of correcting for these by means of tree-ring-dated bristlecone pines will be presented.

The technique of dating pottery by thermoluminescence and some of its problems and results will be explained.

B. Archaeological Prospecting with Geophysical Instruments.

Explanation of the types of instruments available for archaeological prospecting, especially of the development and use of the new cesium magnetometers.

Description of the sequence of development and testing of these on the plain of Sybaris, southern Italy, and at other sites, especially in Greece and in Mexico.

ARCHAEOLOGICAL INSTITUTE OF AMERICA
260 West Broadway
New York, N.Y. 10013

Tentative Schedule, 1969-70 Lectures, Group 12

Fall: Elizabeth Ralph
(University Museum, University of Pennsylvania)

Winter:

Spring:

| <u>SOCIETY</u> | <u>Fall</u> | <u>Winter</u> | <u>Spring</u> |
|----------------|-------------|---------------|---------------|
| Rockford | Tue Nov. 18 | | |
| Milwaukee | Thu Nov. 20 | | |
| Appleton | Wed Nov. 19 | | |
| Iowa | Mon Nov. 17 | | |

This tentative schedule for your 1969-70 lecture tour, already approved by the local societies, should become the final schedule, barring unforeseen difficulties. IF IT SHOULD PROVE UNACCEPTABLE TO YOU, PLEASE TELL US RIGHT AWAY SO THAT WE CAN WORK ON MODIFICATIONS DURING THE SUMMER. Thank you.

If we do not hear from you, we will assume that the tour meets with your approval, and will send you final lecture sheets with the addresses and phone numbers of local secretaries in September.

To those of you who have already sent us photos, thank you very much. If you haven't yet done so, we need a black and white glossy photo which can be reproduced, or better still, several prints of same. We would appreciate your sending them to the Institute's central office, 260 West Broadway, New York, NY 10013.

AIA LECTURES - ITINERARY

45

*Juan Terasmae
Dept. Geology
Brook Univ.*

April 1st Leave Philadelphia 10.40 a.m. Allegheny 517
 Arrive Buffalo 12.56 p.m.

Overnight with Laura and Noel Robertson, 195 Lockhart Dr., St. Catharines
(416) 685-4393

Lecture at 8:15 p.m. - dinner beforehand

Prospecting

April 2nd Leave Buffalo 10.35 a.m. Allegheny 440
 Arrive Albany 11.22 a.m.

Overnight with Mrs. Gatewood Overbeck & husband[, Dept. of Classics, State Univ.
of NY
Home (518) 438-5339
Office " 457-8445

C14 & TL

Dinner with Overbecks

Lecture 8.00 p.m.

April 3rd Leave Albany 9.59 a.m. Allegheny 705

* Arrive Cleveland 12.40 p.m.

Prospecting

Rapid Transit to University-Cedar station (31 mins)

* Telephone Dept. of Classics 216-368-2674 Prof. Long to arrange for someone
to meet you at the station. *293-0207 - Mrs. Long*

or Laing

Overnight in motel near campus, dinner arranged by the Society

College Motel

Lecture 8.30 p.m. - Western Reserve Hist. Society

April 4th * Leave Cleveland for Cleveland Airport by rapid transit
system
Arrive airport mid-afternoon

C14 & TL

* Telephone Mrs. Charles Murphy (Elizabeth) in the morning to pick you up -
allow 45 mins for her to get there. (216) 775-1888 home or 774-1221, Ext. 5660
Classics Dept. Prof. Charles Murphy

April 5th Leave Cleveland 9.45 a.m. Northwest 518
 Arrive Philadelphia 10.50 a.m.

LECTURER: VITA

(To be used by our local societies)

NAME: ELIZABETH K. RALPH

Present institutional connection and/or scholarly activity:

Associate Director, Applied Science Center for Archaeology
University Museum, University of Pennsylvania

Past institutional connections and/or activities:

University of Pennsylvania since 1951.

Main publications, particular studies:

Dating Techniques for the Archaeologist, co-edited by H.N. Michael and
E.K. Ralph (M.I.T. Press, 1971)

Radiocarbon Date Lists

New Radiocarbon Dates and the Maya Correlation Problem, American Antiquity,
v. 26 (with L. Satterthwaite), 1960.

C-14 Dates for Sites in the Mediterranean Area, AJA, v. 65 (with E. Kohler),
1961.

Instrument Surveys, a chapter in F. Rainey and C.M. Lerici, The Search for
Sybaris, 1967.

Field Work:

Archaeological prospecting with electronic instruments at various sites
in Italy, Greece, Ireland, Mexico, Canada, U.S.A., and other countries,
spring and sometimes fall seasons since 1962.

If the public relations office of your institution has available material pertain-
ing to your work, may we have the address and your permission to contact them?
If time permits during the 1972-73 season, we hope to spend more time than in the
past on publicizing lectures and helping our local societies on this problem.

Donald H. Fey
News Bureau
Franklin Building
University of Pennsylvania
Philadelphia, Pa. 19104

Signed

Elizabeth K. Ralph

ARCHAEOLOGICAL INSTITUTE OF AMERICA

260 WEST BROADWAY
NEW YORK, NEW YORK 10013

PLEASE RETURN
AFTER TOUR
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EXPENSE STATEMENT.

LECTURER'S INFORMATION BLANK

Day & Date Monday, November 17, 1969 Society IOWA
Lecturer Miss Elizabeth Ralph Secretary Mr. Donald Jackson
University Museum Department of Classics
33rd and Spruce Sts. University of Iowa
Philadelphia, PA 19104 Iowa City, IA 52240
(215) EV 6-7400 (319) 353-2121

Subject of Lecture PROBLEMS OF THE RADIOCARBON CALENDAR

LECTURER'S REPORT

(The Lecturer is requested to make any corrections which may be necessary in the above data after the lecture has been delivered, to fill out the lower portion of this blank, and to return it to the General Secretary.)

Size of Audience 35

Suitability of Lecture for the Audience

There were about 5 questions afterwards, and the two who were most interested were two former U. of Pa. students. Otherwise, the audience was tolerant but not especially interested in this subject.

(Further remarks may be written on the back of this sheet)

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NEW YORK, NEW YORK 10013

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LECTURER'S INFORMATION BLANK

Day & Date Tuesday, November 18, 1969 Society ROCKFORD
Lecturer Miss Elizabeth Ralph Secretary Mrs. Dale Stouffer
University Museum 5050 East State St. 921 Ridgewood Rd.
33rd and Spruce Sts. Rockford, IL 61101 61107
Philadelphia, PA 19104 (815) 398-5880, ext. 216
(215) EV 6-7400

Subject of Lecture PROBLEMS OF THE RADIOCARBON CALENDAR

LECTURER'S REPORT

(The Lecturer is requested to make any corrections which may be necessary in the above data after the lecture has been delivered, to fill out the lower portion of this blank, and to return it to the General Secretary.)

Size of Audience 275 (filled lecture hall with capacity of 275)

Suitability of Lecture for the Audience

Record attendance, mostly due to the efforts of Ray Don Adel. With many students from Chemistry, Biology, etc. in the audience, there was a lively interest in this subject. Plus good interest in its applications from historians, etc.

(Further remarks may be written on the back of this sheet)

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LECTURER'S INFORMATION BLANK

Day & Date Thursday, November 20, 1969
Lecturer Miss Elizabeth Ralph
University Museum
33rd and Spruce Sts.
Philadelphia, PA 19104
(215) EV 6-7400

Society MILWAUKEE
Secretary Dr. Stephan F. Borhegyi
Milwaukee Public Museum
800 West Wells St.
Milwaukee, WI 53233
(414) 271-8610

Prof. Robert
C. Ross
Pres.
Dept. Classics
Univ. of Milwaukee
Milwaukee, Wis. 53201

Subject of Lecture PROBLEMS OF THE RADIOCARBON CALENDAR

LECTURER'S REPORT

(The Lecturer is requested to make any corrections which may be necessary in the above data after the lecture has been delivered, to fill out the lower portion of this blank, and to return it to the General Secretary.)

Size of Audience About 50 (room could hold 300, so it was difficult to estimate).
Suitability of Lecture for the Audience Also, place of meeting will be changed after Borhegyi's death.

Audience seemed to be interested, especially, some of the students who asked many questions at the reception afterwards.

(Further remarks may be written on the back of this sheet)

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LECTURER'S INFORMATION BLANK

Day & Date Wednesday, November 19, 1969
Lecturer Miss Elizabeth Ralph
University Museum
33rd and Spruce Sts.
Philadelphia, PA 19104
(215) EV 6-7400

Society APPLETON
Secretary Prof. William A. Chaney
Department of Classics
Lawrence University
Appleton, WI 54910
(414) RE 9-3681

Mr. John I.
Vlossak
Pres.
1044 E. Eldorado
Appleton, Wis.
54911

Subject of Lecture PROBLEMS OF THE RADIOCARBON CALENDAR

LECTURER'S REPORT

(The Lecturer is requested to make any corrections which may be necessary in the above data after the lecture has been delivered, to fill out the lower portion of this blank, and to return it to the General Secretary.)

Size of Audience 32
Suitability of Lecture for the Audience

A subject such as "The Search for Sybaris" would have been better for this audience. However, they listened patiently, but without enthusiasm for 55 minutes.

(Further remarks may be written on the back of this sheet)

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LECTURER'S INFORMATION BLANK

| | | | |
|------------|--|-----------|--|
| Day & Date | Monday, November 30, 1970 | Society | COLUMBUS |
| Lecturer | Miss Elizabeth Ralph University Museum 33rd and Spruce Sts. Philadelphia, PA 19104 (215) EV 6-7400 | Secretary | Prof. James C. Rubright 103 Hayes Hall Ohio State University Columbus, OH 43210 (614) 293-6545 |

Subject of Lecture Archaeological Prospecting with Geophysical Instruments

LECTURER'S REPORT

(The Lecturer is requested to make any corrections which may be necessary in the above data after the lecture has been delivered, to fill out the lower portion of this blank, and to return it to the General Secretary.)

Size of Audience *about 140*

Suitability of Lecture for the Audience *Seemed to be very much interested. Mixed audience of archaeologists, art historians, engineers, geologists. Good questions afterwards, especially from students.*

(Further remarks may be written on the back of this sheet)

NEW YORK, NEW YORK 10013

LECTURER'S INFORMATION BLANK

TOGETHER WITH
EXPENSE STATEMENT.

| | | | |
|------------|---|-----------|---|
| Day & Date | Tuesday, December 1, 1970 | Society | DETROIT |
| Lecturer | Miss Elizabeth Ralph University Museum 33rd and Spruce Sts. Philadelphia, PA 19104 (215) EV 67400 | Secretary | Dr. William H. Peck Detroit Institute of Arts 5200 Woodward Ave. Detroit, MI 48202 (313) 831-0360 |

Subject of Lecture *Problems of the Radiocarbon Calendar*
To be decided by lecturer and society - please give title here

LECTURER'S REPORT

(The Lecturer is requested to make any corrections which may be necessary in the above data after the lecture has been delivered, to fill out the lower portion of this blank, and to return it to the General Secretary.)

Size of Audience *90 to 100*

Suitability of Lecture for the Audience *Older members seemed to be art historians; young ones - chemists who were told to come & took notes. Not much response from the audience.*

(Further remarks may be written on the back of this sheet)

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NEW YORK, NEW YORK 10013

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LECTURER'S INFORMATION BLANK

Day & Date Wednesday, December 2, 1970 Society TOLEDO
Lecturer Miss Elizabeth Ralph Secretary Mrs. James H. Miller
University Museum 2441 Cheltenham Road
33rd and Spruce Sts. Toledo, OH 43606
Philadelphia, PA 19104 (419) 531-5711, ext. 323 (Office)
(215) EV 6-7400

Subject of Lecture Problems of the Radiocarbon Calendar

LECTURER'S REPORT

(The Lecturer is requested to make any corrections which may be necessary in the above data after the lecture has been delivered, to fill out the lower portion of this blank, and to return it to the General Secretary.)

Size of Audience 50-60
Suitability of Lecture for the Audience
It was a new subject for the majority of the audience, but they seemed to have been glad to have been exposed to it. Most of them understood a good part of the talk, and there were a number of good "private" questions afterwards.

(Further remarks may be written on the back of this sheet)

Day & Date Thursday, December 3, 1970 Society CINCINNATI
Lecturer Miss Elizabeth Ralph Secretary Mrs. William G. Kittredge
University Museum 8705 Camargo Club Drive
33rd and Spruce Sts. Cincinnati, OH 45243
Philadelphia, PA 19104 (513) 561-5390
(215) EV 6-7400

Subject of Lecture To be decided by lecturer and society - please give title here
Archaeological Prospecting with Geophysical Instruments

LECTURER'S REPORT

(The Lecturer is requested to make any corrections which may be necessary in the above data after the lecture has been delivered, to fill out the lower portion of this blank, and to return it to the General Secretary.)

Size of Audience 45-50
Suitability of Lecture for the Audience Audience consisted of classical archaeologists and anthropologists - both young and "old." They seemed glad to have a lecture on the subject of the "newer" prospecting techniques. After the 4:00 P.M. lecture, the senior classical archaeologists, hosts, & hostesses, had fruitful discussions of radiocarbon matters while having cocktails & a delicious dinner.

(Further remarks may be written on the back of this sheet)



ARCHAEOLOGICAL INSTITUTE OF AMERICA

260 WEST BROADWAY

NEW YORK, N. Y. 10013

TRAVEL EXPENSE VOUCHER

TELEPHONE: 212/925-7170

Name Elizabeth K. Ralph

Mailing address for check University Museum, 33rd & Spruce Sts.
Philadelphia, Pa. ZIP 19174

Purpose of trip: Lecture tour, no. of lectures 4
 Committee meeting (transportation expense only)

Expenses: Meals 5.00
Hotel 17.90
Transportation Air #142.00
Ground 13.50
155.50

155.50
5.00
12.90
\$ 173.40

Please attach ticket stubs, etc., as justification, if possible.

Has an advance been received for this trip? No
 Yes, amount _____

Elizabeth K. Ralph
Signature

April 5, 1973
Date

FOR OFFICE USE ONLY

Travel and expenses: _____ lectures at _____:

Approved Payment: _____

TOTAL



«ARCHAEOLOGICAL PROSPECTING WITH GEOPHYSICAL INSTRUMENTS»

a slide lecture by

ELIZABETH K. RALPH

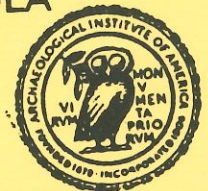
Assoc. Dir. Applied Science Center for Archaeology
University Museum, University of Pennsylvania

Sun. April 1
8:15 p.m.
Thistle Rm. 246
Brock University

ADM: MEMBERS FREE
NON-MEMBERS \$1.50
STUDENTS \$.75

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NIAGARA PENINSULA
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OF THE
ARCHAEOLOGICAL INSTITUTE
OF AMERICA





March 20, 1973

ARCHAEOLOGICAL INSTITUTE OF AMERICA

260 WEST BROADWAY

NEW YORK, N. Y. 10013

Dear Miss Ralph:

If you are interested in participating in the 1973-74
lecture program, I will need your papers immediately.
I look forward to your participation.

Most sincerely,

Eileen Markson

Eileen Markson

Assistant Secretary



Miss Elizabeth Ralph
University Museum
33rd and Spruce Sts.
Philadelphia, PA 19104