

FONDAZIONE ING. C. M. LERICI

DEL POLITECNICO DI MILANO



PROSPETTO DEL CARTELLINO  
Rome - Via Veneto, 111 - Tel. 46001  
Milano - Piazza Lancia, 10 - Tel. 21  
C. M. LERICI

ROMA - September 2, 1961  
Via Veneto 111

Dr. Friedrich Raabe  
Director of the University Museum  
Philadelphia, Pa. USA

Dear Mr. Raabe,

re: proton magnetometer

Yellin in these days our Eng. Garabelli has been to Yellin with Brande-  
Leon in order to repeat a portion of the preceding magnetometer sur-  
vey that according to Mr. Livingston showed some anomalies worth to  
be revived. It has been found, in fact, that the indications on some  
areas were wrong and it has not been possible, unfortunately, to find  
the cause of these errors.

Garabelli informed me that in our Milan laboratory he has  
prepared a "differential magnetometer" for the measurement of the  
magnetic susceptibility of the rocks. This property may be considered  
as the equivalent of the "electrical resistivity" when it is a question of  
dealing with the electrical sounding method. He suggests that the use  
of proton magnetometer should be preceded by the measurement of the  
magnetic susceptibility, as this will probably facilitate the interpreta-  
tion of the graphs. It being likely that in each field like Sibaris, Tar-  
ciana, Vico and Capriate the magnetic susceptibility is constant or  
eventually varying in a limited range, the tests will not require time  
as the samples to be taken on the surface and at the beginning of the  
solid layer can be tested very quickly in our laboratory.

We have already the samples from Sibaris and in the  
next days we will get those from the other places. I expect to know  
the Laboratory results very soon and I will keep you informed about  
the practical result of this enquiry.

Garabelli is convinced that they will be of great practical  
help. The next step will be an other equipment for the cause determina-  
tion of the "remnant polarization" or remanent magnetism, that  
may give useful data in any case when manufactures like tanks, pottery,

are present on the ground. This property is the equivalent of the "spontaneous polarization" in the electrical surveys.

Carswell is convinced that magnetical survey can be developed on a form quite similar to the electrical sounding and that within 1952 it should be possible to determine in most cases it will be preferable one method instead of the other.

Congress in Venice - the National Council of Research (Consiglio Nazionale delle Ricerche) has suggested to join the Clark Foundation and our Foundation as promoter of the above congress. This will greatly increase its importance in so much as the President of C.N.R., Prof. Polvani has agreed to be the Chairman of the Congress. The date has been decided for May 21-22-23. You will receive a formal letter of invitation at the end of this month or early in January 1952.

With kindest regards I remain

yours sincerely

(Sig. Claxio W. Larkin)

cablegram, April 14, 1960 3:30 PM

Mr. C. M. Lerici  
Politecnico di Milano  
Sezione Prospezioni Archeologiche  
Piazze Leonardo da Vinci  
Rome ,Italy

John Dimick arriving Rome April 20th. Where can he  
find you? Please cable answer

Rainey

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# WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

SYMBOLS

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FONDAZIONE ING. C. M. LERICI

DEL POLITECNICO DI MILANO



CELATA INVENIO

PROSPEZIONI ARCHEOLOGICHE

Roma - Via Veneto 108 - Tel. 460083

Milano - Piazza Leonardo da Vinci 32  
Tel. 293-889

Roma, april 13, 1960

Via Veneto 108

Mr. Froelich Rainey,  
Director of the University Museum  
University of Pennsylvania  
Thirty-third and Spruce Streets  
Philadelphia 4/ USA

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Dear Mr. Froelich,

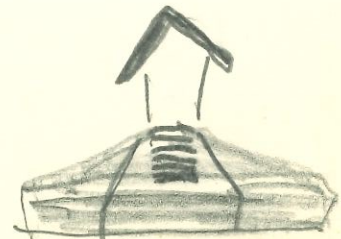
I beg to refer to your kind letter of march 24. I will be very glad to see you in Rome during the month of may. I must however inform you that from may 2 to 10 I shall be in Madrid, where I shall give a lecture, and therefore if I cannot see you earlier than the 1st may, I wonder if you may modify your programme in order to come to Rome after the 10th of may.

In any case I will give instructions to my office in order you may as well, during my absence, visit our prospecting team operating on the etruscan cemetery of Tarquinia with our new electrical prospecting equipment.

I hope, in any case, to have the pleasure to see you here and awaiting your further news I remain, with kindest regards,

sincerely yours

(ing. Carlo M. Leric)



Lerici

March 24, 1960

Mr. C.M. Lerici  
Fondazione Ing. C.M. Lerici  
Del Politecnico di Milano  
Piazza Leonardo da Vinci 32  
Milan, Italy

Dear Mr. Lerici:

I had your letter of January 20th saying that you were mailing to us a leaflet called "Archaeological Prospecting" and asking if we might wish to participate with you in excavations in Italy. The leaflet did not arrive, but I replied on February 6th, saying that we were interested in the possibility of participating with you.

Just now I have returned from Mexico, where we have been trying out resistivity equipment at an Olmec site, near Vera Cruz. The equipment has given us some very interesting and also some very puzzling results and I'm now most anxious to compare notes with you on the use of such an instrument. Also to receive, as soon as possible, your article on "Archaeological Prospecting" so that I can refer to this in the report on our work in Mexico.

Moreover, Mr. John Dimick, an American Engineer who has turned archaeologist, will be arriving in Rome April 20th. I will join him there about May 1st and together we hope to look you up and discuss the possibility of working with you on an Etruscan site. Mr. Dimick is also one of our chief financial sponsors for various excavations around the world and I hope to interest him in such new techniques as you are utilizing in Italy. Could you let me know where you will be in late April and early May? Then perhaps Dimick can get in touch with you even before I arrive in Rome.

Very best wishes;

FR:ah

Froelich Rainey  
Director

Lerici

February 6, 1960

Mr. C.M. Lerici  
Fondazione Ing.  
Del Politecnico di Milano  
Piazzo Peonardo de Vinci 32  
Milan, Italy

Dear Mr. Lerici:

Many thanks for your letter of January 20th concerning your work on Etruscan sites in Italy. You may recall that we sent Mr. Edwin Shook to talk with you about your prospecting methods some two or three years ago. He is now trying out the resistivity method in Tikal, Guatemala and we are also going to try this instrument in Tres Zapotes, in Mexico, this winter. Moreover, we expect to set up here in the Museum next year a special department for development and research in archaeological techniques. Therefore, I should like to make it a point to see you in Italy some time in May, when returning from Egypt. Could you let me know where you will be about the middle of May.

Also, we have been discussing the initiation of archaeological research in Italy in collaboration with some Italian digger and your suggestions along this line interest me very much. Could we also talk that over in May with the possibility of working out some kind of collaboration in Italy. I should have with me in May Mr. John Dimick, an engineer, who has been very helpful in financing some of our research in Central America and in the Near East. We should be able to come to some conclusion about proposals for work in Italy and we would very much appreciate your advice.

Very sincerely,

FR:ah

Froelich Rainey  
Director

FONDAZIONE ING. C. M. LERICI  
DEL POLITECNICO DI MILANO



PROSPEZIONI ARCHEOLOGICHE  
Roma - Via Veneto 108 - Tel. 460083  
Milano - Piazza Leonardo da Vinci 32  
Tel. 293-889

Roma, January 20, 1960  
Via Veneto 108

University of Pennsylvania,  
Philadelphia 4, Pa.

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Dear Sirs,

re: archaeological prospecting

we beg to inform you that we have mailed to you, under separate cover, our leaflet "Archaeological Prospecting", in which we have summarized the activity developed in the last four years with the new methods we have experienced on different archaeological sites of Italy.

It is by far more than an experiment, since the above mentioned publication gives a full report of regular campaigns carried out for several months and demonstrates how our methods could successfully be adopted in most of the archaeological sites of the ancient world.

Being aware of your interest in archaeological research, we wish to draw your attention on the great advantages that could derive by the adoption of similar methods. Our Foundation will be glad to give you any possible assistance and, to this effect, we take the liberty to suggest that you see the way to participate to one of the future campaigns that we will carry out in Italy. This will give you the possibility to become fully acquainted with our methods and be convinced of their extraordinary efficiency and economical advantage.

For your guidance we have planned to send our prospecting team during 1960 in not less than four archaeological sites in central Italy. Each campaign will last from one to three months.

If you should decide to send one of your researchers, we would suggest that he remain here some months, in order to attend to the application of our methods in different types of geologic structures.

2).

Our campaigns in Italy are being carried out at our own expenses. A special agreement with the authorities gives, however, us the right to dispose of a certain percentage of the findings: from 25 to 30 percent, which may compensate fairly well a part of our expenses that amount, for a complete team, to ca. 2.000 USA \$ per month.

If you will agree to join us in one or two of our future campaigns, you should take to your charge a part of the above expenses, besides those for your personal, and in return we will reserve to you a proportional part of the findings and further obtain from our authorities the authorization for the export.

The enclosed leaflet will give you an idea of the archaeological material we have found in these years during our campaigns on etruscan archaeological sites.

With the hope that the above proposition may meet your interest, we are looking forward to hear from you and remain

sincerely yours



FONDAZIONE ING. C. M. LERICI

# FONDAZIONE ING. C. M. LERICI

## DEL POLITECNICO DI MILANO



### PROSPEZIONI ARCHEOLOGICHE

Roma Via Veneto 108 Tel. 460.083 - Milano Piazza Leonardo da Vinci 32 Tel. 293.889

### CONTENTS OF ETRUSCAN TOMBS

Since 1955 the Leric Foundation has been undertaking a programme of archaeological excavation, employing in a new context the methods of geophysical research supplemented by the use of air photography and of the periscope and photographic drill.

The Foundation is now authorized to export a part of its finds which include Etruscan, Italic and imported Greek pottery of the seventh to the second centuries B.C., in the form of single pieces or complete tomb-groups from the Etruscan cemeteries explored by the Foundation.

The tomb-groups each consist of from twelve to sixty pieces and afford a full and valuable picture of Etruscan art and funerary practice. They may be of interest not only to private collectors, but also to archaeological schools and to those museum which do not already possess a representative series of similar Etruscan and pre-Roman material.

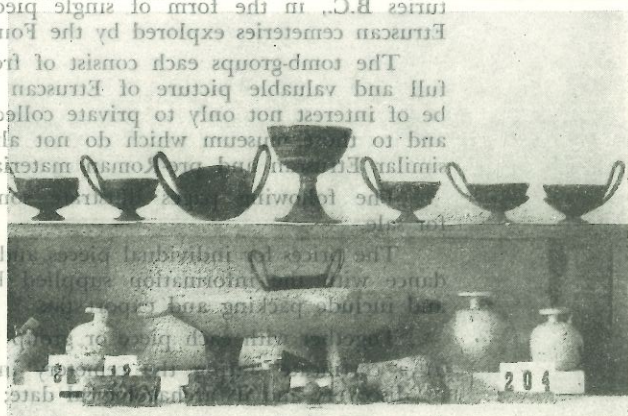
The following pages illustrate some characteristic tomb-groups available for sale.

The prices for individual pieces and for tomb-groups will be fixed in accordance with the information supplied by the Superintendency of Antiquities and include packing and export tax.

Together with each piece or group the purchaser will receive:

- a) a certificate stating the cemetery in which it was found, the date of its discovery and its archaeological date;
- b) a plan of the tomb and of its location within the cemetery;
- c) in the case of restored pieces, a precise statement of the proportion of restoration;
- d) a detailed description of each individual piece, a photograph of the whole group with a clear indication of scale, and individual photographs of any pieces of special value;
- e) in all cases where the circumstances were such as to permit such a documentation, a series of photographs illustrating the condition of the tomb at the moment of discovery.

Informations about prices will be furnished on request. Prospective purchasers should apply for this to the Archaeological Research Section of the Foundation, address: Via Veneto 108, Rome.



ING. C. M. LANCINI

DEI COLLETTORI MILANO

PROSEZIONI ARCHEOLOGICHE

Roma Via Veneto 108 Tel. 460.083 - Milano Piazza Leonardo da Vinci 32 Tel. 293.889

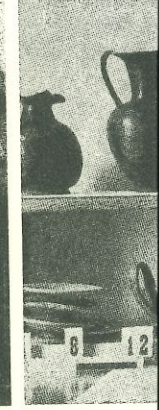
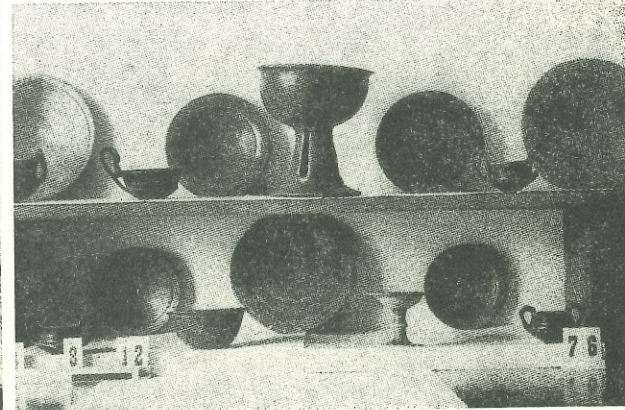
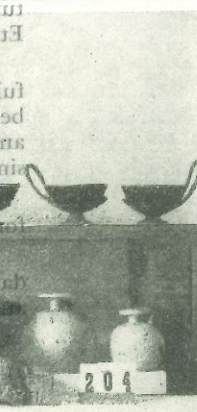
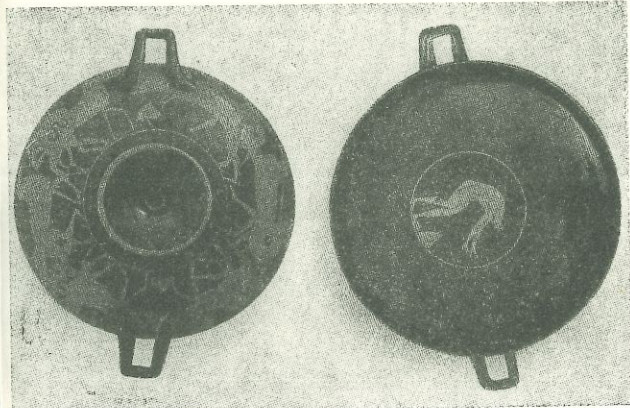
Since 1938 the Lancia Foundation has been undertaking a programme of archaeological excavation, in the area of the Roman Forum, which has been researched and excavated by the Lancia Foundation. The Foundation has since then imported Greek and Italian Etruscan art and imported Greek and Italian Etruscan art in the form of single pieces or complete tomb-groups from the Etruscan cemeteries explored by the Foundation.

The tomb-groups each consist of from twelve to sixty pieces and afford a full and valuable picture of Etruscan art and funerary practices. They may be of interest not only to private collectors, but also to archaeological schools and to museums which do not already possess representative series of Etruscan art.

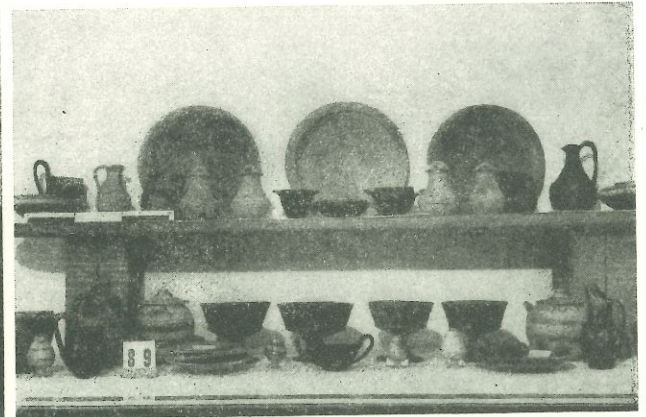
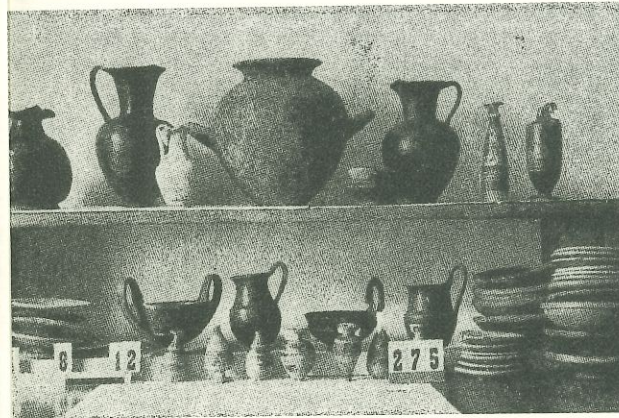
The price of individual pieces and of tomb-groups will be fixed in accordance with the amount of the archaeological work of the Lancia Foundation. The price of individual pieces and of tomb-groups will be fixed in accordance with the amount of the archaeological work of the Lancia Foundation.

(c) in the case of restored pieces, a precise statement of the proportion of the original material which has been replaced by the restorer.

Information about the Lancia Foundation should be sent to the Lancia Foundation, Via Veneto 108, Rome, Italy.



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FONDAZIONE ING. C. M. LERICI  
DEL POLITECNICO DI MILANO



PROSPEZIONI ARCHEOLOGICHE

Roma Via Veneto 108 Tel. 460.083 - Milano Piazza Leonardo da Vinci 32 Tel. 293.889

1960

*The listed publications in this catalogue are the most complete and detailed collection of news as to the new methods for geophysic prospection as applied by the C. M. Leric Foundation of the Milan Polytechnic in archaeological research. They can act as a guide for any research campaign in all the archaeological zones of the ancient world.*

*These publications can be usefully consulted by readers of all countries as they contain extended summaries and descriptions of the illustrations, in the Italian, French, English and German languages.*

- 1 - R. CHEVALLIER - *Bibliographie des applications archéologiques de la photographie aérienne.* (Bibliography for the publications dealing with air surveys for archaeological purposes) - in french - 1957. L. 500
- 2 - C. M. LERICI - *Science et technique su service de l'archéologie.* (New prospecting methods adopted in the archaeological research) - in french. L. 500
- 3 - C. M. LERICI - *Campagna di prospezioni archeologiche sulla necropoli etrusca di Monte Abbatone.* (Report concerning the results of a campaign of archaeological research carried out on the etruscan necropolis of M. Abbatone (Cerveteri) - in italian. L. 500
- 4 - M. MIREBELLA ROBERTI - *Mostra della fotografia aerea per la ricerca archeologica.* (Description of 100 photograms of archaeological sites, showing the most complete assortment of air surveys) - in italian. L. 500
- 5 - E. SEGRE - *Breve campagna di ricerca geofisica e di sondaggi con esplorazione fotografica di una necropoli etrusca.* (Prospecting survey of an old etruscan necropolis in the neighbourhood of Rome) - in italian - 1956. L. 500
- 6 - LERICI-CARABELLI - *Apparecchiatura fotografica per ricerche archeologiche* (in italian). (New equipment for photographic exploration) - 1956. L. 300
- 7 - E. CARABELLI - *Ricerche geofisiche sperimentali su antiche necropoli.* (Experimental surveys made in the etruscan necropolis of Cerveteri and Fabriano) - in italian - 1955. L. 500
- 8 - C. M. LERICI - *Prospezioni Archeologiche.* (Archaeological Prospecting) - in italian - 1955. L. 750
- 9 - C. M. LERICI - *Così esploriamo oggi le civiltà sepolte.* (How buried civilization are explored today) - 1956. L. 300
- 10 - C. M. LERICI - *Fotografie aeree e prospezioni archeologiche.* (Aerial photographs and archaeological research) - in italian - 1956. L. 500
- 11 - C. M. LERICI - *La scienza al servizio dell'archeologia.* (Scientific applications in archaeological research) - in italian - 1956. L. 500
- 12 - C. M. LERICI, E. CARABELLI, E. SEGRE - *Prospezioni geofisiche nella zona archeologica di Vulci.* (Geophysical surveys on the archaeological area of Vulci) - in italian - 1958. L. 750
- 13 - C. M. LERICI - *Come hanno origine e come si vedono le tracce di formazioni sepolte.* (Surface traces of buried features: how they arise and how they can be « seen ») - in italian - 1958. L. 1000
- 14 - C. M. LERICI - *Prospezioni archeologiche a Tarquinia, la necropoli delle tombe dipinte.* (Archaeological prospecting campaign in Tarquinia: the cemetery of the painted tombs) - in italian - 1959. L. 1200
- 15 - R. BARTOCCINI, C. M. LERICI, M. MORETTI - *Necropoli di Tarquinia - Tomba delle Olimpiadi.* (The Tomb of the Olympiad) - french, english, deutsch - 1959. L. 5000
- 16 - C. M. LERICI - *La prospezione geofisica nella ricerca archeologica.* (Geophysical prospecting in the archaeological research) - in italian - 1958. L. 300

- 17 - L. SOLAINI - *Avvenire delle prospezioni geofisiche in archeologia.* (Survey methods and their present limits of applications to archaeological research) - in italian - 1958. L. 300
- 18 - O. VECCHIA - *Condizioni geologiche per le ricerche geofisiche in archeologia.* (Geological conditions for the geophysical prospecting in the archaeological research) - in italian - 1958. L. 300
- 19 - R. CASSINIS - *Metodi sismici nelle prospezioni archeologiche.* (Seismic and acoustical survey method applied to the archaeological survey) - in italian - 1958. L. 500
- 20 - E. CARABELLI - *Metodi elettrici ed elettromagnetici di prospezione geofisica per finalità archeologiche.* (Electrical and electro-magnetic survey methods applied to archaeological research) - in italian - 1958. L. 300
- 21 - E. CARABELLI - *La sonda fotografica per esplorazione archeologica.* (Photographic equipment used for the survey of the underground cavities) - in italian - 1958. L. 300
- 22 - GINO PARENTI - *Il periscopio Nistri per esplorazione archeologica.* (Optic-photographic equipment used for the survey and photographic recording of underground cavities) - in italian - 1958. L. 300
- 23 - ENRICO SEGRE - *Mezzi tecnici ausiliari nella prospezione archeologica.* (Mechanical, electrical and sundry equipment used to speed up survey operations) - in italian - 1958. L. 300
- 24 - C. M. LERICI - *Aspetti economici ed organizzativi delle prospezioni archeologiche.* (Organization along industrial lines of archaeological survey operations) - in italian - 1958. L. 300
- 25 - MARIO MORETTI - *Risultati archeologici delle campagne di prospezione della Fondazione LERICI del Politecnico di Milano.* (Archaeological results of the activity carried on by the LERICI Foundation). L. 500
- 26 - C. M. LERICI - *La prospezione geofisica nella ricerca archeologica.* (Collection of reports for the 7th Congress of Classical Archaeology by the technicians of the LERICI Foundations) - in italian. L. 2000
- 27 - C. M. LERICI - *I nuovi metodi di ricerca archeologica e rinvenimento della « Tomba delle Olimpiadi ».* (Descriptions of the methods that have led to the discovery of the Tomb of the Olympiad) - in italian. L. 2500
- 28 - F. V. NARDELLI - *Origine degli Etruschi.* (Essay on the Origin of the Etruscans) - in italian - 1959. L. 1500
- 29 - C. M. LERICI, M. MORETTI - *Tarquinia: « La tomba della nave ».* (Tomb of the Ship), (in preparation) - in italian - 1960.
- 30 - C. M. LERICI, M. MORETTI - *Tarquinia: nuove tombe dipinte rinvenute nella necropoli di Monterozzi.* (New painted tombs discovered in the necropolis of Monterozzi), (in preparation) - in italian - 1960.
- 31 - M. MORETTI - *Rinvenimenti archeologici della Fondazione LERICI del Politecnico di Milano.* (Archaeological results of the campaigns 1957-58-59 of the LERICI Foundation), (in preparation) - in italian - 1960.

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# WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

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1960 APR 15 AM 10 03

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*Lerici*

MR RAINEY=

UNIVERSITY MUSEUM MX PHILA=

YOUR INTL APR 14TH TO DR C M LERICI POLITECNICO  
 DIMILANO SEZIONE PROSPEZIONI ARCGEOLOGICHE PIAZZA  
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SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

Research Techniques

FONDAZIONE ING. C. M. LERICI  
DEL POLITECNICO DI MILANO



CELATA INVENIO

PROSPEZIONI ARCHEOLOGICHE  
Roma - Via Veneto 108 - Tel. 460083  
Milano - Piazza Leonardo da Vinci 32  
Tel. 293-889

*Carlo M. Lerici*

Roma, June 25th, 1960  
Via Veneto 108

Mr. Froelich Rainey  
Director of the University Museum  
University of Pennsylvania  
Philadelphia 4/ USA

Dear Mr. Rainey,

thanks for your letter of the June 15, the content of which I have noted with great interest.

It would be of extremely great interest to us to know with more precision the program concerning the study of new apparatus at the Laboratory of the Sun Oil Company. You have mentioned a light portable proton magnetometer, made by the Oxford Laboratory, for experimentation in Italy: a similar magnetometer (magnetometro a protoni) has been already designed by a professor of the Milan Polytechnic and will be put to our disposal very soon.

The director of our Foundation, Prof. Luigi Solaini, is planning a visit to the Oxford Research Laboratory at the beginning of September and, if somebody of our Foundation will come to the U.S.A., we will inform you in due time, as I will be very glad he may visit the laboratory of the Sun Oil Company. I am convinced that this cooperation among all who are interested at the same studies, will be profitable to all of us.

We will be glad, on our side, to share our experience with the others and, to this effect, in our next publication we will give a full description of constructive details of our light potentiometer equipment.

As to the program for the next spring, outlined in your letter, I wish to confirm my full agreement and you may be assured that we will do the utmost for seeing that your people may get the best profit from their work with our team.

With kindest regards I remain

yours sincerely

*Carlo M. Lerici*

(ing. Carlo M. Lerici)

Research Techniques

July 12, 1960

Mr. Carlo M. Lerici  
Via Veneto 108  
Rome, Italy

Dear Mr. Lerici:

Thanks for your letter of June 25th confirming our verbal arrangement for collaboration with your team in Italy. I have now confirmed the appointment of Mr. Linington from Oxford who will be arriving here early in September. At that time he will go to work directly with Mr. Johnson of the Sun Oil Company attempting to design and develop an electrical and acoustical prospecting apparatus which Mr. Johnson has been developing for oil prospecting. This will, of course, be a modification for archaeology. Mr. Johnson tells me there is also another oil company, the name of which I have forgotten, which is working on similar equipment and he will put Mr. Linington in touch with them also. I do not have sufficient technical knowledge to understand the instrument Mr. Johnson is using but under his tutelage we hope to have this instrument ready for testing in the spring.

Mr. Johnson also believes that we may eventually be able to design one instrument which utilizes three different principles, resistivity, a proton magnetometer, and the acoustical apparatus, but this will certainly be in the future.

I was glad to learn that you are also developing a proton magnetometer and when Professor Solaini visits Oxford he might then advise us as to whether it is worth purchasing an instrument from them. If you have similar apparatus I see no point in bringing the British instrument to Italy.

We hope that one of your men will visit the U.S. and we will be most happy to have him join Linington at the Sun Oil Company laboratories.

Please let me have anything you publish and we will, of course, send you anything produced here. By Christmastime I should be able to spell out in some detail our suggestions for cooperating in experimentation with you in Italy next spring.

Incidentally, Dr. Matthew Stirling and his son Matthew, Jr., will be in Rome for the Olympic games. Both of them were with me in Mexico on an experiment with the resistivity equipment and I have asked them to look you up in Rome because of their interest in this kind of equipment.

Page 2.

Dr. Stirling has recently retired as Chief of the Bureau of American Ethnology in Washington, D.C. His main field of research is Mexico.

Very best wishes.

Most sincerely,

Froelich Rainey  
Director

FR:jd

Archaeological  
Techniques  
C.R. Lerici  
C.R. Italian Res

February 9, 1961

Mr. C. M. Lerici  
Via Veneto 108  
Rome, Italy

Dear Mr. Lerici:

I am just back from Tikal, in Guatemala, and Dallas, Texas.

In Dallas, I was very much encouraged by the progress being made on our new geophysical equipment. Linington, working with several geophysicists there has demonstrated that our new system will work and he is now taking a crew out to Tucson, Arizona, to experiment on a Pueblo Indian site. Mr. McDermott has given them instructions to try a high frequency impulse, rather than percussion and they are all now optimistic that it will work. When that testing is done we expect Texas Instruments to begin to design a much simpler apparatus for archaeology and I'm now encouraged to think that we will have this available next summer for testing in Italy. I have not yet had a reply on the Alaric tomb proposal, but hope this is satisfactory with you.

I should be here for the next few months , so we can keep in touch.

So far as I can see, none of us will be at the Geophysical Prospecting Meeting , in London, in March. The Texas Instruments people should be working on the design of our instrument at that time and Linington should be at Tikal, in Guatemala, so I'm afraid that none of us will be able to get there. Incidentally, this new high frequency apparatus may turn out to have commercial applications and thus we may get more support from Texas Instruments than I had anticipated.

Sincerely yours,

FR:ah

Froelich Rainey  
Director

Archaeological Techniques  
C. R. Lerici

April 25, 1961

Mr. C. M. Lerici  
Via Veneto 108  
Rome, Italy

Dear Mr. Lerici:

Linington is in Tikal, in Guatemala, with three or four different types of geophysical equipment and is getting some interesting results. He should be back in a week or so and we will then be working out our plans for the summer. Can you tell us when would be the best time to work on Alaric's tomb. Also, I should like to spend some time with your people on an Etruscan site or on Syberus to compare our different instruments and to continue our field testing. As discussed last Spring, we can, of course, make a contribution to the Lerici Foundation and also take care of our own expenses in the field.

I am expecting to leave for Europe early in June and should be arriving in Rome some time about the middle of June. Linington may arrive at about the same time, or later, depending upon your plans and upon the progress of work at the Texas Instruments.

We have had considerable difficulty trying to develop the high frequency source and Mr. McDermott thought that this might be better done in the Physics Department at the University of Pennsylvania and sent me the funds to have this done here. However, Mr. Pew, of the Sun Oil Company, thinks that it should be done by the Texas Instruments Company, or one of the other electronics companies in Texas. Mr. Pew and I are leaving for Dallas tomorrow to work this out with Mr. McDermott and I will let you know how we make out. The establishment of our Techniques Center has really gone very well this year. Geologists and archaeologists from Yale, Brown, Harvard and Princeton Universities are now collaborating with us in testing various equipment and we should have instruments out in a number of sites around the world next year.

We are all also getting on with the thermoluminescence technique of dating pottery. The way this is going here makes me more than ever eager to carry out the kind of collaboration with your organization which we discussed last spring and I am hopeful that together we can introduce these techniques more widely among archaeologists. Could you let me know when is the best time to join you, and if there is any particular United States equipment you would like us to bring along.

Very best wishes,

FR:ah

Froelich Rainey  
Director

March 2, 1962

Mr. C. Lerici  
Lerici Foundation  
Via Veneto 108  
Rome, Italy

Dear Mr. Lerici:

Dr. Rainey and I are sending by surface mail a package of spare parts and tools for use at Sybaris. The contents are listed on the enclosed sheet.

I hope that the arrival of the package will not be an inconvenience to you. I am looking forward to meeting you in April.

Sincerely yours,

Elizabeth K. Ralph

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FONDAZIONE ING. C. M. LERICI  
DEL POLITECNICO DI MILANO

Ralph



PROSPEZIONI ARCHEOLOGICHE  
Roma - Via Veneto, 108 Tel. 460983  
Milano - Piazza Leonardo Vinci, 32  
Tel. 293.81

March 6, 1962  
Roma,  
Via Veneto 108

Miss Elizabeth K. Ralph  
Department of Physics  
University of Pennsylvania

Dear Miss Ralph,

I have got your letter of march 2 regarding the package of material for Sybaris you have sent by surface mail. For the clearing of this material it is necessary to have a proforma invoice in three copies. No import licence is necessary when the cost of the material does not exceed \$ 220, only in case of higher value we shall have to supply for temporary import.

With kindest regards I remain

yours sincerely

(ing. Carlo M. Lerici)

March 22, 1962

AIR MAIL

Mr. C. M. Lericci  
Lericci Foundation  
Via Veneto 108,  
Roma, Italia

Dear Mr. Lericci:

Thank you for your letter of March 6th. Miss Bruckner, the Registrar of the University Museum, has now sent proforma invoices for my package travelling by surface mail and for the two instruments - seismic (sonic) unit and gradiometer, that I shall be bringing with me.

I plan to arrive in Rome on TWA flight #800 at 10:50 A.M. on April 2nd.

Soiltest, Inc. is sending you proforma invoices for the drill, and I have enclosed a copy of the order acknowledgement. Under separate cover, I have mailed a copy of their catalog.

I am looking forward eagerly to my arrival in Italy.

Sincerely yours,

Encl.

Elizabeth K. Ralph

EKR/deh

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FONDAZIONE ING. C. M. LERICI  
DEL POLITECNICO DI MILANO



CELATA INVENIO

PROSPEZIONI ARCHEOLOGICHE  
Roma - Via Veneto, 108 - Tel. 460083  
Milano - Piazza Leonardo da Vinci, 32  
Tel. 293 889

Roma, 10 agosto 1962  
Via Veneto 108

Miss Elizabeth Ralph  
c/o Miss S. Murnaghan  
5, Windsor Avenue  
Belfast 9  
N. IRELAND

Dear Miss Ralph,

thanks for your letter of the July 31.  
I have made to your report the changes in accordance with  
your indication and the same has been done for the italian  
translation of your report.

The drawings will be redrawn in Rome  
and will be ready at the end of this month. Three copies  
of the whole report will be sent to dr. Rainey before Sept. 15.

I hope to see dr. Aitken in occasion of the  
international Prehistorical Congress. If your car has not been  
forwarded to USA we shall put it at his disposal.

Hoping to hear again from you I remain  
affectionately yours

(ing. Carlo M. Leric)

letter on desk

MAP

PRESERVATION COPY 04/24/2014

FONDAZIONE ING. C. M. LERICI  
DEL POLITECNICO DI MILANO



AVCLATA INVENIO  
PROSPEZIONI ARCHEOLOGICHE  
Roma - Via Veneto, 108 - Tel. 49002  
Milano - Piazza Leonardo da Vinci, 12  
Tel. 293209

Roma, 28 agosto 1962  
Via Veneto 108

Dr. Froelich Rainey  
University Museum  
University of Penn.  
PHILADELPHIA / USA

Re: Sybaris

Dear dr. Rainey,

I have some news regarding Sybaris. I have received the visit of Mr. Kashinsky, a geologist and expert of the United Nations, presently at work on the former French Senegal, Africa. He knows fairly well the Plain of the river Crati since 1960 when he had the opportunity to carry out a geological survey there for account of the Centre Aereo Ricerche CAR, Roma and the Hunting Prospecting Co., England, with the cooperation of our Foundation.

He is convinced that the town of Sybaris includes, besides the area southwards of Crati we have investigated, an area on the western direction up to the hills, and he claims that he had occasion to examine an air photos showing the foundations of a large temple.

He seems so convinced that he intends to spend his vacations next year in Italy and visit again "en touriste" the Plain of Crati and carry on a survey with a portable electromagnetic equipment he has already experienced with success for the detection ore bodies.

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This equipment is manufactured by the Fisher Research Laboratory, 1875 University Avenue, Palo Alto, Cal. and is called M. Scope "de luxe". The cost is of only 250US\$ and I would suggest that you collect some informations and eventually buy same for our account.

From the description of Mr. Kashinsky, the principle on which the instrument operates appears to be similar to that of the "Turam" equipment manufactured by the Elektriska Malmetiming AB, Stockholm. Our Prospecting Dept. in Milan has used it some 10-12 years ago and has later dropped it for not being of practical and satisfactory use. It may be, however that the american equipment is an improved version of the swedish one and I am looking with interest to hear from you about the results of your investigations.

The report of our Sybaris campaign is now been reproduced in Milan; the drawings are ready with the exception of the plans that should be redrawn. I hope to see Mr. Aitken on occasion of the International Prehistoric Congress. Dr. Foti should be there and I will ask to him about our applications for the new campaign. Our new stratigraphic drill is now ready.

With kindest regards

(ing. Carlo M. Lerici)

September 4, 1962

Ing. C. M. Lericci  
Via Veneto 108  
Roma, Italy

Dear Ing. Lericci:

Thank you very much for your letter and for making the changes in my report.

Dr. Rainey is very anxious to have a copy of the "Geometer's" map of our anomalies, magnetometer lines, drill holes, etc. Unfortunately, I sent the one copy which I had by seammil to and it has not yet arrived. Will a full-size one be included in the reports which you are sending to Dr. Rainey before Sept. 15th? If not, could I trouble you to send him a copy as soon as possible?

I have enclosed a copy of Dr. Aitken's report on soil susceptibilities at Sibaniis. There is no need to include this in my report, but I thought that you would be interested in it.

Thank you again for the many things that you have done for us.

Sincerely yours,

Beth Ralph

EKR:dml