# Mt. Lykaion Excavation and Survey Project Report of Activities, Summer 2015

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Ephoreia of Antiquities of Arcadia, Tripolis University of Arizona under the auspices of The American School of Classical Studies at Athens

The Mt. Lykaion Excavation and Survey Project conducted its fifth and final study season for the time being in its leased apotheke in Tripolis between June 3 and July 3, 2015 as a synergasia project between the University of Arizona and the Ephoreia of Arcadian Antiquities in Tripolis.



## Introduction and Acknowledgements

The co-directors of the project are Dr. Anna Karapanagiotou, Director of the Ephoreia of Arcadian Antiquities, Dr. Michalis Petropoulos, former Director of the 39th Ephoreia of Prehistoric and Classical Antiquities, Dr. Mary E. Voyatzis and Dr. David Gilman Romano, both of the University of Arizona. The work was made possible through the generosity of foundations and Greek-American individuals. supporters from the United States. The financial support of Mr. and Mrs. Nicholas Karabots of Fort Washington, Pennsylvania and Ms. Annette Merle-Smith of Princeton, New Jersey continues to be of major importance. The project also has received

significant support from the National Science Foundation and INSTAP. The Politistikos Syllogos of Ano Karyes and its President, Mr. Kyriakos Karagiannis, and its former President Mr. Christos Koumoundouros, have continued to assist in many of our efforts in Arcadia. This was our fifth study season, 2011-2015, following five years of excavation, 2006-2010, and two years of preliminary survey, 2004-2005. As we have received a new permit for excavation and survey through the American School of Classical Styles for 2016-2020, we will return to field work next summer.



#### Arcadian Orchomenos

During early June our study team from Tripolis was invited by the Ephorate of Antiquities of Arcadia to attend the re-opening of the site of Arcadian Orchomenos. For the past number of years the Ephorate has been conserving and consolidating the remains at the site and they have created a new Visitor's Center, new signs, and new paths and trails to lead the tourists around the site. The 4th century B.C. Sanctuary of Artemis Mesopolitis, including an altar and a temple, was of great interest to our group. The altar is shown on the right and the theatre at Orchomenos is shown on the left during the re-opening ceremony.



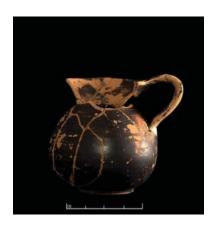
## The Apotheke

Our apotheke, located at 32 Heroon Polytechnion in Tripolis, opposite the Archaeological Museum of Tripolis, was our center of activity again this summer. The apotheke hosted a total of 17 individuals: 6 students, 7 scholars and scientists and 4 staff. We had specialists in residence studying the ceramics of various periods including the Neolithic, Early Helladic, Middle Helladic, Mycenaean, Early Iron Age, Archaic and Classical. Analysis of the terra-cotta roof tiles from the lower sanctuary was also successfully conducted. We largely completed our photography and archaeological illustration of the pottery and small finds. The results of the Fitch Lab Ceramic Analysis Project were being prepared for an article during the season, so there was also a group working on re-examining the 100 FN-EH-MH-LH-EIA sherds selected for petrography and chemical analysis in light of the scientific results. Data entry continued during the field season and pottery was catalogued, especially Neolithic and Classical material. During the summer we also were utilizing our newly enhanced database program, Kronos, for the organization of our finds. We lived to the north of the city of Tripolis in Ano Kardara, near Levidi. The month in Tripolis was especially wet this year with rain almost every day. Further information about the summer can be found at http://lykaionexcavation.org

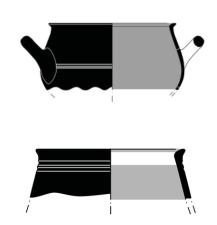




*Top: Group photo of the apotheke team. Middle: Scholars at work studying the prehistoric pottery.* 



4th century BC pitcher from the area in front of the seats.



Laconian Style Early Iron Age pottery sherds from the ash altar.



The Tripolis Apotheke Team gathered for dinner together with our Ephor Anna Karapanagiotou, our landlord Nicholaos Tsiamoulos, his family, and other guests.



## The Apotheke





## 2015 Apotheke Team

#### List of Participants: Stephanie Martin Jay Stephens Vicki Moses Sarah Linn Billie Rolla Natalie Gleason Dan Diffendale Christina Kolb Christian Frelinghuysen

#### **Program leaders:**

Dr. David Romano Dr. Mary Voyatzis

#### Visiting scholars:

Dr. Jeannette Forsen Dr. Gullog Nordquist Dr. Susan Petrakis Dr. Phil Sapirstein Dr. Ann Steiner

Top: Dr. Clairy Palyvou and her conservation team meeting with Dr. Karapanagiotou and Mary Voyatzis and David Romano concerning conservation of the administrative building. Bottom left: Vicki Moses works on cleaning a bone fragment so she can better study it in the lab. Bottom right: Field trip to the museum at Tegea.



# MT. LYKAION EXCAVATION AND SURVEY PROJECT REPORT OF ACTIVITIES SUMMER 2015

# Transfer of terracotta tiles from Tripolis to the Sanctuary of Zeus

Towards the end of our fifth study season in our apotheke in Tripolis Dr. Phil Sapirstein was able to complete his study and classification of a large number of terracotta roof tiles that had been excavated at Mt. Lykaion, 2006-2010; the tiles could therefore be returned to the site for burial. We retained in our apotheke, representative examples of the tile for further study and publication, but the great bulk of the tiles could be taken back to the site in order to make room for future finds. With the assistance and permission of the Ephorate of Antiquities of Arcadia we were able to contract with Mr. Christos Saggarelis to pack up and transport the tiles from our apotheke to the area of the hippodrome at the Sanctuary of Zeus. This transfer under the direction of Tom Keating was carried out very efficiently and quickly. The total number of baskets of tiles buried in the hippodrome was 130.







Dr. Philip Sapirstein has been studying the collection of terracotta tiles from the site, both upper and lower sanctuaries, and his research is adding to our knowledge of the architecture at the site. By means of identifying and cataloging different fabrics and styles of terracotta tiles, he has been able to describe and discuss the roof tiles and their significance.

Top: The boxes of tiles loaded onto the truck and ready to go back to the site. Middle left: The trench for the tiles near the Hippodrome. Middle right: The trench for the tiles being covered. Bottom left: Boxes of terra-cotta tiles are being removed from the apotheke.

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## Meetings

During May and June, David Romano and Mary Voyatzis were invited to attend several local society meetings in Athens. The first was the local society of Lykaion Zeus, the Politistikos Syllogos of Ano Karyes under the leadership of Mr. Kyriakos Karagiannis. This is a small society that promotes the cultural life of the village and with whom we have been good friends for many years. Discussion centered around the future of the village now reduced to 13 individuals.

The second meeting was that of the Parrhasian Heritage Park Society under the leadership of Mr. Photis Zois and Mr. Angelos Dendrinos. This local society representing Arcadia, Elis, and Messenia is interested in promoting the creation of the Parrhasian Heritage Park of the Peloponnesos.

The third occasion was a joint meeting between Parrhasian Heritage Park Society and the Parrhasian Heritage Foundation to discuss common goals and objectives. The discussion here centered around the proposal being prepared by Dr. Costas Cassios and Dr. Dimitris Papakonstantinou of the National Technical University of Athens to be submitted to the Ministry of the Environment. The proposal would define the area of a protected environment that would be the Parrhasian Heritage Park of the Peloponnesos. This proposal is scheduled to be submitted to the Ministry of the Environment in October or November of 2015.

During June David Romano was invited by Dr. Stelios Lekakis to give a lecture on the subject of the Parrhasian Heritage Park of the Peloponnesos to the Cultural Heritage Society of Athens  $E\Sigma\Delta IA\Pi OK$ . The lecture was held in the offices of MONUMENTA in Athens.

Top: Meeting of the local society of Lykaion Zeus, of whom Kyriakos Karagiannis is President. Middle: Meeting of the Parrhasian Heritage Park Society. The President, Photis Zois is speaking. Bottom: Joint meeting of the Parrhasian Heritage Park Society and the Parrhasian Heritage Park Foundation. (Nota Pantzou, Photis Zois, Mary Voyatzis, Angelos Dendrinos, Dimitris Papakonstantinou, David Romano, and Costas Cassios)



## Research Center

For a number of years the Mt. Lykaion Excavation and Survey Project has been working towards the creation of a Research Center that would meet a number of different needs. The Research Center would be a place to facilitate future research in this part of the Peloponnessos and a place to house a few scholars and students. It would include a dining room, library, seminar room, offices, bedrooms, as well as work space for projects. We have been considering various locations for the Research Center, in Ano Karyes, Megalopolis, and Isari. The long term objective of the project would be to sustain research interests in this area of Greece that include archaeological excavation as well as historical, geological, anthropological, architectural, and environmental research. One of the immediate goals for the use of the Research Center would be to support the creation of the Parrhasian Heritage Park of the Peloponnesos.

Recently, Mary Voyatzis has purchased the house where her father was born in Andristsaina and is exploring the idea of converting this house into a research center. It is a large stone village house that was built in 1867 and it has three floors with 10 rooms. It would require a major refurbishment and partial reconstruction in order to turn it into a research center. During the summer 2015 Mary Voyatzis and David Romano met with two sets of contractors and architects to discuss the project. A decision has not yet been made about the viability of this project.

Andritsaina is a charming Greek town, located on the northwest side of Mt. Lykaion, and is about 45 minutes from the Sanctuary of Zeus. The town has bus service, and also has banks, pharmacies, grocery stores, hotels and restaurants. Andritsaina is one of the four "gateway" cities to the Park, and is one of the most iconic towns in Greece.





Top: The entry gate to the Andritsaina house and potential research center with Elias and Ephronia Mantis, and Stathis Kazantis, with Mary Voyatzis. Bottom: View of the house's stone masonry.



Ano Karyes







In each of the summers since 2004, we have had as our primary base the village of Ano Karyes on the eastern slopes of Mt. Lykaion, just a few hundred meters below the Sanctuary of Zeus. Our friends in the village consist of virtually all the inhabitants, now numbering 13. When we began our work eleven years ago the resident population was 28. Of special importance have been our colleagues who represent the Cultural Society of Ano Karyes in the name of Lykaion Zeus. Mr. Kyriakos Karagiannis is the current President of the Society and Mr. Christos Koumoundouros, the former President, have been critical to the overall success of our project since its inception. We rent houses from the Society for our students and staff to live and we rent additional buildings for our dining, In addition we have stored our and workrooms. equipment in one these buildings over the winter since 2004 and have for 5 years stored other equipment in two prefabricated wooden sheds that were constructed by Tom Keating and our students in the yard of Mr. Karagiannis.

This summer we were present in the village for the Greek referendum vote that was held during July. The vote had to do with whether the citizens were in favor of the continued austerity program in place in the country. Our lab space, the cultural center, is the voting booth for the village. By 7 p.m. on the night of the ballot, the results were posted on the door by the voting commission: 10 no, 9 yes. The village results reflected the national sentiment that was 61% no, and 39% yes.

Top: The field school outside the dinning palace. (L-R: Vasilis Barkoulas, Gabby Miller, Alex Weber, Billie Rolla, George Davis, Ioanna Pachi, Matt Pihokker, Fani Kazantzi, Pat Playdon, Mark Davison, Audrey Gusick, Asher Caplan, Kyle Mahoney, Lauren Dreyfuss) Middla: Cooree Davis cives a presentation on the unique coology

*Middle: George Davis gives a presentation on the unique geology of the area.* 

Bottom: Politics in Ano Karyes.



Ano Karyes



Top left: The field school gather for dinner in the dining hall. Bottom left: Kyriakos Karagiannis, Mary Voyatzis, and Christos Komoundouros from 2006.

*Right: Pat Playdon, Tom Keating, Matt Pihokker, and Gabby Miller work on cleaning and organizing the equipment stored in the two sheds.* 



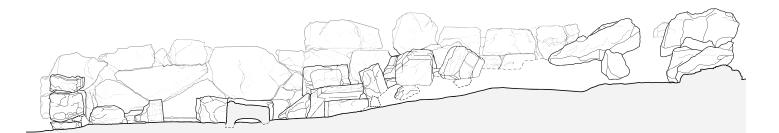


## Architectural Work at the Sanctuary of Zeus

From June 13 we had a small group of architectural students and staff working at the Sanctuary of Zeus on the continuation of our digital architectural documentation project. This year we concentrated on finishing the drawing of individual significant blocks in different areas as well as creating new section drawings of the ancient sanctuary. Living in Ano Karyes and working in the Cultural Center (our lab) of the village for the six weeks was a team of 4, including 2 architecture students (Asher Caplan and Audrey Gusick), 1 historic preservation student (Alex Ford), and an architectural supervisor (Sarah Beth McKay).



Top: Remains of Bath tub, and Asher Caplan drawing Architecturally significant blocks in the background. Middle: Section drawing through the Bath, worked on by Asher Caplan, Alex Ford, Audrey Gusick, Sarah Beth McKay.





The whole architecture team works on field drawings in the area of the bath facility.



The Bath House area was cleaned and potential new walls of the structure were revealed.



## Parrhasian Heritage Park Field School

Later in the summer 10 additional students, 4 Greek and 6 from the US, working on the Parrhasian Heritage Park arrived in Ano Karyes. The fifth Parrhasian Heritage Park Field School was held for two weeks between July 5-21 under the direction of Dr. David Gilman Romano. Mr. Mark Davison served as Director of Park Planning. The Field School is supported by the Mt. Lykaion Excavation and Survey Project and the Parrhasian Heritage Foundation, a 501 (c)(3) in the US. The work of the Park Field School was divided into several categories. The students participated in studies of landscape character, trail blazing, trail mapping, and sign design. A number of the Greek students continued to gather information about community history and ethnography from local residents and from books and periodicals. Living in Ano Karves, the cultural center once again served as the laboratory and work space for our activities.

Top: George Davis explaining the geology of the area from a ridge overlooking much of the park.

Middle: Participants of the Field School gathered for dinner in our dining palace.

Bottom: Kyle Mahoney, Matt Pihokker, and Lauren Dreyfuss analyzing the flora associated with the trail.

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## 2015 Parrhasian Heritage Park Field School

#### **List of Participants:**

Eleni Tzounopoulou Ioanna Pachi Fani Kazantzi Patrick Playdon Audrey Gusick Matthew Pihokker Lauren Dreyfuss Kyle Mahoney Asher Caplan Billie Rolla Vasilis Barkoulas Gabrielle Miller Alex Weber Pam Jordan

#### **Program Instructors:**

Dr. David Romano Dr. Mary Voyatzis Dr. George Davis Dr. Costas Cassios Mr. Mark Davison Mr. Patrick Playdon Dr. Nota Pantzou

Visiting Speakers: Mr. Fotis Zois Mr. Angelos Dendrinos Mr. Giuseppe Biagini, ITKI





## Sign Installation

A main focus of the Field School was to finish the design of the narrative signs for the Park and to erect wooden trail heads, way-finding and interpretative posts in the Park. We were able to erect 13 trail head and way-finding signs and we have commenced the erection of a kiosk in the Sanctuary of Zeus at Mt. Lykaion. We will continue our installations of posts and kiosks next summer.

The text for the trail head signs, narrative signs, and way-finding signs are now approved and ready to be installed in 2016. We have contracted with a printing and sign making agency in Athens. The idea of the installation of signs for trails and areas of archaeological interest in and around Mt. Lykaion is to have the area serve as an example for other parts of the park.

Top: Tom Keating works on cutting posts to prepare them for installation as trail markers.

Middle: Pat Playdon and Lauren Dreyfuss installing a way finding post on the Trail of Pan

Bottom Left: Lumber for the posts waiting to be transported to Ano Karyes

Bottom right: Vasilis Barkoulas digs the hole for the Trail of Pan marker.









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The installation of the posts was a big job for the Parrhasian Heritage Park Field School team. It included the preparation of the posts that was undertaken by Tom Keating and then the transportation of the wooden posts to the site of installation, sometimes remote, along with the cement, water, shovels and picks. Typically the teams numbered 8-9 people in order to carry all the supplies. The location for the posts was carefully considered in advance of their installation. A detailed, scientific landscape study was undertaken and completed by Mark Davison with the Parrhasian Heritage Park Field School. As a part of the landscape study, a determination was made for the locations of the posts and kiosks along the Trail of Zeus and the Trail of Pan. All post locations along the trails or agricultural roads were approved by local citizens.

Top left: Students celebrate the successful installation of the Trail of Pan marker. (L-R: top: Kyle Mahoney, Vasilis Barkoulas, Asher Caplan, Matt Pihokker, Pat Playdon. bottom: Lauren Dreyfuss, Alex Weber.)

Top right: The supply march to install posts in the middle of the Trail of Zeus.

Middle: Kyle Mahoney and Matt Pihokker mix concrete for the post.

Bottom: Matt Pihokker, Kyle Mahoney, Pat Playdon installing the Kiosk near the hippodrome.







# MT. LYKAION EXCAVATION AND SURVEY PROJECT REPORT OF ACTIVITIES SUMMER 2015

We gratefully acknowledge the support of the following, who have contributed to the ongoing success of the project:

### **CIRCLE OF ZEUS:**

Mr. and Mrs. Nicholas Karabots Ms. Annette Merle-Smith Ms. Dorothy Dinsmoor Mr. James H. Ottaway, Jr. Anonymous Mr. and Mrs. Arch Brown Ms. Susan W. and Mr. Cummins Catherwood, Jr. Ms. Betty Edmonson Mr. and Mrs. Edward K. Hueber Ms. Nancy Jensen Mr. and Mrs. Thomas Keating Mr. Brian Kelly Mr. John J. Medveckis Mr. and Mrs. J. Barton Riley

### FRIENDS OF MT. LYKAION:

Mr. and Mrs. Larry Adamson Mr. J. Richard Duffield Mr. and Mrs. Jack Foster Mr. and Mrs. Guy Ferro Ms. Adaline Frelinghuysen Col. and Mrs. Thomas Guenther Mr. and Mrs. James Hays Dr. Eleni Hasaki Ms. Janis and Hermann Hastreiter Ms. Ginny Healy Mr. and Mrs. Jim Jennings Ms. Claire Kolins Ms. Sharon Langley Mr. Leon Limperis Mr. and Mrs. William Lomicka Mr. Christopher Klauser Long

## FRIENDS OF MT. LYKAION:

Mr. Neil E. Matthew Mr. Robert McQuiston Mr. and Mrs. William Moeller Mr. and Mrs. Robert Mundheim Ms. Jamie Musselman Mr. Alexander Nagel Ms. Sallie Naylor Mr. Ned Nelson Mr. and Mrs. Terry O'Connor Ms. Dorothy Olson Ms. Sandra L. Olson Mr. and Mrs. Chuck Ott Mr. Daniel J. Peters & Dr. Annette Kolodny Dr. George Papanicolaou Mr. and Mrs. David Park Mr. and Mrs. Lloyd Randolph Mr. and Mrs. Jeremiah Reedy Mr. and Mrs. John Rice Ms. Karen Robinson Dr. and Mrs. David Gilman Romano Mr. and Mrs. George Rosenberg Dr. Peter Salamon & Ms. Patricia Morgan Mr. Curtis Scaife Ms. Cita Scott & Mr. Harry George Ms. Heather Sigworth Dr. Ann Steiner Ms. Jane Swicegood Ms. Beatrice F. van Roijen Ms. Margaret Wilson Mrs. Peter Yiannos Mr. Jerome B. Spier Ms. Vasiliki M. Spier Ms. Angel Voyatzis Dr. Mary E. Voyatzis Mr. Daniel Wachtler Mr. and Mrs. Richard Wynn

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Dr. Mary E. Voyatzis mev@email.arizona.edu (520) 621-3446



Mt. Lykaion Excavation and Survey Project http://lykaionexcavation.org Parrhasian Heritage Park http://parrhasianheritagepark.org U of A Mediterranean Archaeology Program http://anthropology.arizona.edu/mediterranean



### **INSTITUTIONAL SPONSORS:**

University of Arizona, College of Humanities University of Arizona, International Programs Hellenic Cultural Foundation of Tucson, Arizona Hellenic University Club, Philadelphia Hellenic University Club, Wilmington, Delaware The University of Pennsylvania Museum of

Archaeology and Anthropology Graduate Group in the Art and Archaeology of the Mediterranean World, University of

Pennsylvania Graduate Group in Ancient History University

Graduate Group in Ancient History, University of Pennsylvania

#### FOUNDATIONS

The Karabots Foundation in honor of Constance Chrisomalis Karabots from Anavriti, Sparta (which overlooks Mt. Lykaion) and George Karabots of Malandreni, Argos The Arete Foundation The Samuel H. Kress Foundation The 1984 Foundation Institute for Aegean Prehistory (INSTAP) The Wallace Foundation The National Science Foundation Parrhasian Heritage Foundation Ms. Annette Merle-Smith Mr. James H. Ottaway, Jr. Ms. Jan Elliott Ms. Beatrice F. van Roijen Ms. Dorothy Dinsmoor

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Lykaios Dias,' Kyriakos Karagiannis, President Kastanochoroi Cultural Society,

Elias Pavlopoulos, President Lykaion Cultural Society,

George Thomopoulos, President Mayor of Andania, Mr. Giorgos Diagoupes Mayor of Andritsaina, Mr. Trifon Athanasopoulos Mayor of Eira, Mr. Giannis Adamopoulos Mayor of Gortynos, Mr. Kostas Michopoulos Mayor of Megalopolis, Arcadia, Mr. Dionysios Papadopoulos Mayor of Phalaisias, Mr. Yiannis Phousekis Mayor of Phigaleia, Mr. Yiannis Pipiles Mayor of Tripolis, Arcadia, Mr. Alexandros Kotsianis Nomarchis of Arcadia. Mr. Demetrios Konstandopoulos Patriotic Societies Union of Lykosoura, Kyriakos Karagiannis, President Parrhasian Heritage Park Society, Photis Zois, President Angelos Dendrinos, Director Syllogos of Ano Karyes, Arcadia Vastas Cultural Society, Photis Zois, President Nicholaos Tsiamoulos, Ostra Menalon Luxury Suites



### Arcadian Fellowships

Sponsors: Tom Keating Reenie Keating Betty Edmonson Arch and Laura Brown Annette Merle-Smith Annette Merle-Smith James H. Ottaway, Jr. James H. Ottaway, Jr. Brian Kelly Brian Kelly Adaline Frelinghuysen & Bea van Roijen

#### Recipients: Jay Stephens Stephanie Martin Sarah Linn Vicki Moses Matt Pihokker Asher Caplan Kyle Mahoney Pat Playdon Audrey Gusick Gabby Miller Alex Ford Dan Diffendale

Above: Field school participants after the Nea Phigaleia meeting: (left-right & top-bottom) Asher Caplan, Alex Weber, Matthew Pihokker, Lauren Dreyfuss, Kyle Mahoney, Patrick Playdon, Billie Rolla, Audrey Gusick, Fani Kazantzi, Eleni Tzounopoulou, Ioanna Pachi



# Nea Phigaleia

Towards the end of the Field School on July 20 we held a community meeting in Nea Phigaleia which is on the western edge of the Parrhasian Heritage Park. We had approximately 35 individuals in attendance, including members of the local community, the Parrhasian Park Planning team, and the student participants of the Parrhasian Heritage Field School. We met at the beautiful ethnographic museum of the town. During the meeting, there was a good discussion about the goals of the park as well as practical considerations of the potential economic benefits of the park. Further information is available on our website *http://parrhasianheritagepark.org* 



Top: Dr. David Romano and Dr. Nota Pantzou start discussions at the meeting in Nea Phigaleia about the Parrhasian Heritage Park. Below: Nea Phigaleia as seen from the town museum where the meeting was held. One of the P.H.P. Field school students, Fani Kazantzi, is a native of this town and helped us to organize this meeting.



Contributions of text and photographs from D.G. Romano, M.E. Voyatzis, N. Pantzou, A. Ford, A. Gusick, C. Kolb, L. Dreyfuss, B. Rolla Brochure Creation by A. Gusick and D.G. Romano.