The Multifaceted Evolution of Byzantine Çadır Höyük's Socio-Economic Environment: A Case Study of the Numismatic Evidence

Hypothesis:

That Çadır Höyük operated as an agrarian settlement and dromos (military-public post) in the eleventh century CE.

Scott Coleman

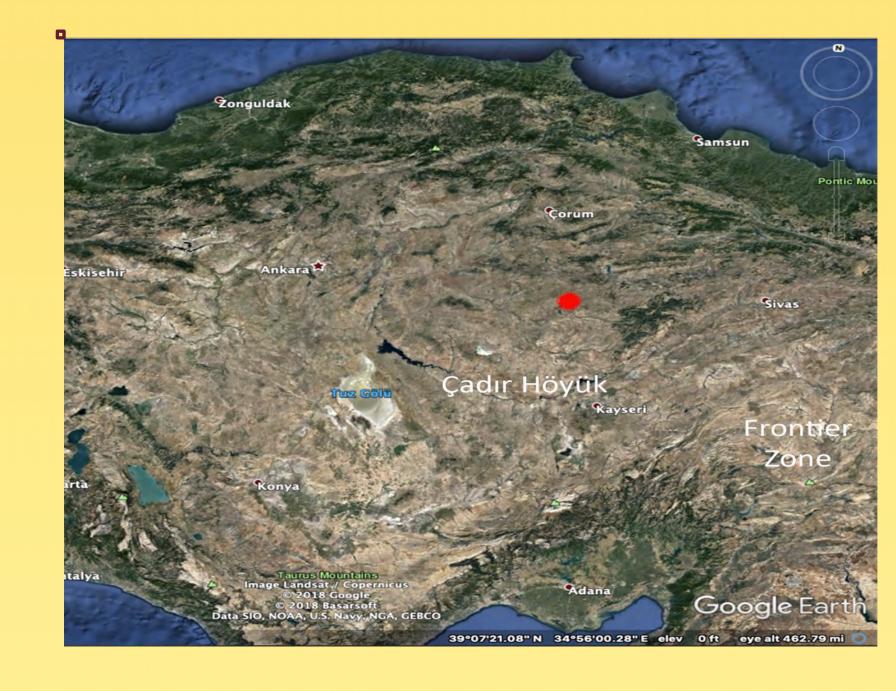
Department of Classics and Religious Studies
University of Calgary
scott.coleman1@ucalgary.ca

Objective:

To provide a better understanding of eastern rural settlement and military interactions.

Introduction and Geography

- Located 18km south of Sorgun, Turkey, in north-central Anatolia.
- Byzantine occupation from midfourth century CE to late-eleventh century CE.
- Excavations located in two areas:
 - 1. Fortified Summit.
 - 2. Lower Terrace (NE of mound)
- By 860 CE, Çadır Höyük was within 160 KM of Byzantine frontier. (Decker, 2007)
- An imperial road ran just north of Çadır Höyük from Ankara to Sivas. (Cassis et al. 2018; Haldon, 2006; Talbert and Bagnall 2000).



Methodology

- Archaeology, Historical texts, and Numismatics.
- Focused on relationship between numismatic evidence and artifacts.
- Surveyed historical texts for imperial narratives.
- Comparative analysis of Çadır
 Höyük's material evidence to
 similar settlements on both the
 eastern and western frontiers.

Research Questions:

- 1. What is the relationship between the numismatic evidence and material remains?
 - 2. Why is there a sudden appearance of 11th century coins?
- 3. What possible change in the function of the settlement do the 11th century coins represent?



Anonymous Follis Class-C (Michael IV) FCN: 22107 Trench: SMW1



Constantine X Ducas and
Eudocia
FCN: 22118
Trench: SMW1



Unidentified Follis
FCN: 23229
Trench: SMW2



Anonymous Follis Class-D (Constantine IX) FCN:22371 Trench: SMW6



Unidentified Follis FCN: 19188 Trench: USS2



Anonymous Follis Class-D (Constantine IX) & Romanus IV AE Follis FCN: 6176 SMT 19



Reliquary Cross FCN: 18447 Trench: USS2



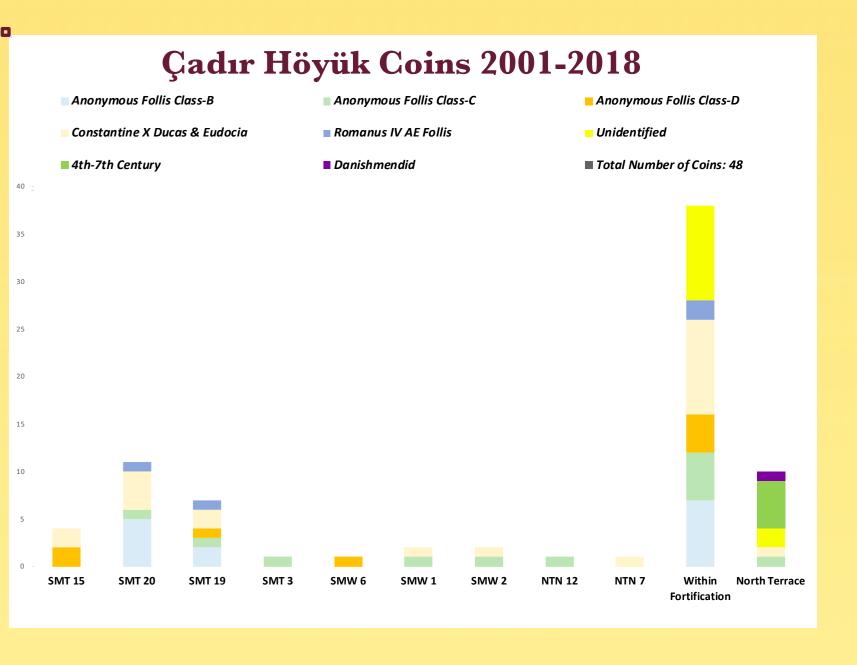
Seal of Samuel Alusianos FCN: 6612 Trench: SMT 12



Chainmail FCN:17431 Trench: SMW1

Evidence

- Total of 48 coins recovered.
- 38 collected from fortified summit.
- 10 recovered from lower terrace.
- 36 coins identified with 30 securely dated to the eleventh century.
- 3 coins attested to fourth century and 2 coins attested to sixth century.
- Only two coins from the eleventhcentury were recovered outside of fortified summit.
- 2 seals recovered within fortified summit along with numerous religious and military artifacts.



Conclusion

The surge of eleventh century coins suggest a change in function in reaction to the threats posed by the Seljuk Turks at Çadır Höyük. The evidence also indicates that the coins had circulated together and were brought to Çadır Höyük by either imperial or thematic soldiers and further suggests a more complex economic structure at Çadır Höyük.

Bibliography

Cassis, Marica, Owen Doonan, Hugh Elton, and James Newhard. "Evaluating archaeological evidence for demographics, abandonment, and recovery in Late Antique and Byzantine Anatolia." *Human Ecology.* 46 (2018): 381-398.

Decker, Michael. "Frontier Settlement and Economy in the Byzantine East." *Dumbarton Oaks Papers*. 61 (2007): 217-267.

Haldon, John. *Warfare, State, and Society in the Byzantine World, 565-1204*. Warfare and History. London: UCL Press, 1999.

-- General Issues in the Study of Medieval Logistics: Sources, Problems and Methodologies. Ed. John Haldon. Leiden and Boston: Brill, 2006.

Steadman, Sharon R., et al. "Recent Discoveries (2015-2016) at Çadır Höyük on the North Central Plateau." *Anatolica*. 43 (2017): 203-250.

Talbert, Richard J. A., and Roger S. Bagnall. Barrington Atlas of the Greek and Roman World. Princeton, N.J.: Princeton University Press, 2000.







Social Sciences and Humanities Conseil de recherches en Research Council of Canada sciences humaines du Canada

