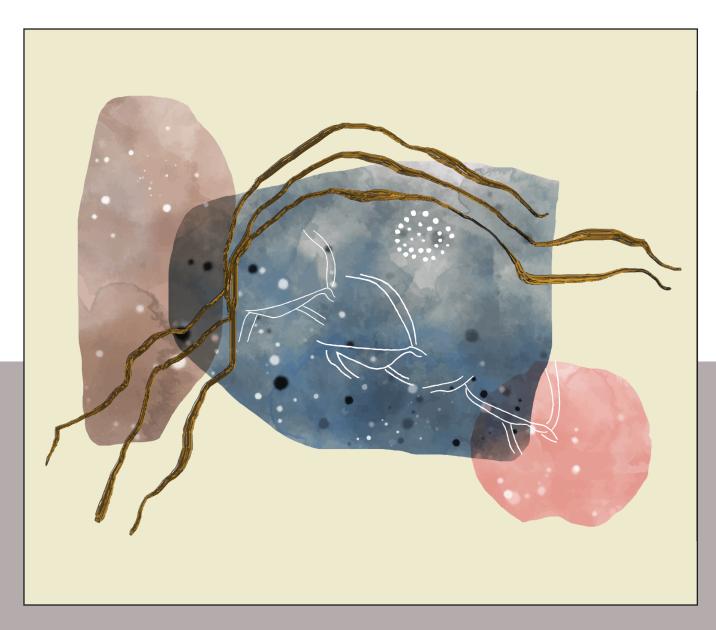
JOURNAL OF EASTERN MEDITERRANEAN ARCHAEOLOGY AND HERITAGE STUDIES



SPECIAL ISSUE



THE PENNSYLVANIA STATE UNIVERSITY PRESS

VOL. 13 NOS. 1-2 2025





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JOURNAL OF EASTERN MEDITERRANEAN ARCHAEOLOGY AND HERITAGE STUDIES

VOL. 13 NOS. 1-2 2025

- iv In Memoriam: Mark P. Leone Sandra A. Scham and Neil A. Silberman
- vi In Memoriam: Donald S. Whitcomb Beatrice St. Laurent

SPECIAL ISSUE: THE PALEOLITHIC AND MESOLITHIC IN GREECE AND THE EASTERN MEDITERRANEAN

- Introduction: Looking Back on (Almost) 100 Years of Early Stone Age Research
 Ina Berg
- 6 An Historical Sketch of Paleolithic Research in Greece Curtis Runnels
- 16 Evaluating the Mediterranean Evidence for Over-Water Dispersal in Premodern Homo Thomas P. Leppard and John F. Cherry
- 32 Middle Paleolithic Behavioral Insights from the Stelida Chert Source, Naxos (Greece)
 Tristan Carter, Daniel A. Contreras, Danica D. Mihailović, Theodora
 Moutsiou, Yorgan Pitt, Natasha Singh, and Ciara Zogheib
- Trans-Aegean Dispersal and Occupation Potential as Reflected in Predictive Modeling for the Early and Middle Pleistocene
 Peny Tsakanikou, Simon Kübler, and Nena Galanidou



- 85 Lithic Raw Materials Used in the Middle Paleolithic Kalamakia Cave, Greece: Characterization and Provenance
 Elli Karkazi, Andreas Magganas, Nena Galanidou, and Andreas Darlas
- 111 The Middle to Upper Paleolithic Transition in Greece: Current Evidence and New Data Stefanos Ligkovanlis and Andreas Darlas
- 131 Is There an Anatolian Mesolithic? An Assessment of the New Evidence from Western Türkiye Çiler Çilingiroğlu
- A New Epipaleolithic Site in Northwestern Anatolia: Ballık Cave (İzmir, Türkiye)
 Eşref Erbil, Yavuz Aydın, Engin Koray Sarıoğlu, Yunus Emre Sevindik, and Harun Taşkıran
- Early Holocene in Girmeler: Defining Pre-Pottery Neolithic in Coastal Southwestern Anatolia
 Burçin Erdoğu, Taner Korkut, and Turan Takaoğlu
- 182 Afterword: The Aegean Nexus for Hominin Dispersals in the Middle Pleistocene Curtis Runnels

REVIEW ESSAY

188 The One Egypt and the Many Egypts in the Twenty-First-Century Museum Wendy Doyon

BOOK REVIEWS

- Late Bronze Age Cyprus: A Reassessment of Settlement Structure and Society, by A. Bernard Knapp
 Reviewed by Georgia Andreou
- 197 Conceptualizing Bronze Age Seascapes: Concepts of the Sea and Marine Fauna in the Eastern Mediterranean in the Second Millennium BCE,
 by Mari Yamasaki Reviewed by Dimitra Mylona
- 200 Levantine Entanglements: Cultural Productions, Long-Term Changes and Globalizations in the Eastern Mediterranean, edited by Terje Stordalen and Øystein S. LaBianca Reviewed by Sandra A. Scham

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EARLY HOLOCENE IN GIRMELER

Defining Pre-Pottery Neolithic in Coastal Southwestern Anatolia

Burçin Erdoğu Taner Korkut Turan Takaoğlu

ABSTRACT

The site of Girmeler so far is the only excavated Early Holocene site in the Aegean coastal region of Anatolia. Early Holocene Girmeler was inhabited by semisedentary hunter groups living in wattle-and-daub huts with lime-plastered floors, exploiting a broad spectrum of wild animals and plant resources found within the immediate environs of the site. This article argues that Girmeler's Early Holocene occupation of the late ninth and early eighth millennium BC belongs to the Pre-Pottery Neolithic sequence of southwestern Anatolia. In contrast to the Mesolithic insular Aegean sites representing the ninth and early eighth millennium, there are indications that agriculture was practiced at Girmeler. Results of one DNA study applied to a human bone from an Early Holocene grave at Girmeler showed that the occupants of the site possessed a gene also found at the Epipaleolithic populations of Pınarbaşı who lived in the fourteenth millennium BC in central Anatolia.

KEYWORDS: southwestern Anatolia, Girmeler, Pre-Pottery Neolithic, Mesolithic

JOURNAL OF EASTERN MEDITERRANEAN ARCHAEOLOGY AND HERITAGE STUDIES, VOL. 13, NOS. 1–2, 2025 Copyright © 2025 The Pennsylvania State University, University Park, PA https://doi.org/10.5325/jeasmedarcherstu.13.1-2.0166 Archaeological excavations conducted at Girmeler as part of the Tlos Excavation Project in Lycia have recently begun to enhance our knowledge of both the cultural transmission and transformation that occurred in the Aegean between the Late Pleistocene and the Early Holocene, and the nature of the Neolithic period on the fringes of southwestern Anatolia. The recovery of data pertaining to the late ninth- and early eighth-millennium BC occupation of Girmeler provides an opportunity to place this part of Anatolia within the theoretical discourse on the mechanisms of the westward expansion of the Neolithic mode of life. The fact that the neighboring Aegean islands in this period were defined by Mesolithic cultures makes Girmeler a much more intriguing site, especially when one considers the similarities and differences observed between the material remains of both regions.

Previous archaeological research has suggested that the Aegean coastal regions of Anatolia were not inhabited by hunter-gatherer communities before the Neolithic period, and that the first sedentary agricultural villages there originated from westward movements of people from central Anatolia and/or the Levant in the early seventh millennium BC (e.g., Özdoğan 2011; Horejs et al. 2015; Brami 2017). This way of thinking has primarily relied on evidence that supported the abrupt appearance of Neolithic life, including the sudden emergence of agriculture, new technological advances such as pottery and architecture, economic developments such as domesticates, and