



SYNCHRONOUS CLIMATIC AND GEOLOGICAL EVENTS IN THE BLACK SEA AND AEGEAN SEA DURING THE LAST 25 ky

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ABSTRACT

GOAL: To prove that the Black Sea flood spawned the ancient stories **MATTER AND METHOD:** the authors from the northern part of the Black Sea obtain the used geological, climatic and archaeological data and evidence. **ANALYSIS OF RESULTS:** Analyses of geological, climatic and archaeological data obtained during the last 20 years testify to a catastrophic natural event in the Black Sea region. While during the Quaternary the Mediterranean Sea was in permanent exchange with the Atlantic Ocean waters through Gibraltar Strait, its connection to the Black Sea was interrupted and restored many times. During the continental glaciating, the Black Sea basin converted into sea - lake (largo - mare) and its level decreased below the level of the Bosphorus and that led to reduction in its salinity and endemic fauna developed. In Interglacial Period its connection with the Mediterranean Sea was restored and there were catastrophic sequences for the Black Sea environment with the formation of geocatastrophical type of sediments (sapropels). Important proof for the flood on the Pleistocene-Holocene border is the old strandline of the Black Sea at a depth of 90 - 120 m. under the contemporary level, dated back to 8 - 9000 years, the age being assessed by ^{14}C method. Its worth mentioning that despite the well preserved old strandline forms a Holocene erosion area is fixed along the periphery of the shelf marking the consequences of the flood. As a result of the flood 2 m sapropel sediment precipitate on the deep water Black Sea valley. The sapropel horizon that lies over lake sediments from the last glacial is dated 7 600 BC according to the newest data. The sapropel sediments are product of an ecological catastrophe resulted from the rush of saline - 38‰ - ocean waters into the freshwater lake. It is known that the level of

the Mediterranean Sea some 7 600 years BC was 30 - 40 m. under the contemporary level, while that of the freshwater then lake was about 80 m., a difference enough to breach the natural earth dam, thus forming the Bosphorus strait. It is very likely that the event coincided with seismic activity in the region. The flood is indisputable geological event. Beside the geological evidences, there are coinciding by age artifacts testifying that the Black Sea region and the ancient coastline was the area of a pre-flood civilization - the oldest human civilization. EVIDENCES: 1. Direct evidence for the presence of highly developed civilization is the Varna Eneolith necropolis where the oldest processed gold in the world was found. The age of the Necropolis, assessed by 14 C method, dates it back to 5 - 6000 BC. 2. The Neolith Necropolises in Durankulak, number of Neolith finds in the Varna lake and in the shelf. 3. "The Noah's plate" - a very disputable find buried in the sand in the old Black Sea strandline - a sandstone item with exclusively symmetrical forms, looking like a plate and with traces of symbols. 4. Number of artifacts discovered in the shelf of Sinop, Turkey, during research expeditions. Scientists and historians scrutinizing the Bible consider that its stories preserve the historical heritage of one of the richest cultures in history of human civilizations created by the Sumerians. The Bible represent in details the Sumerian myth and legends. No doubt that civilizations, cultures and people develop, flourish and die, but the experience and culture created by them enriches their successors and helps them create new and maturer cultures. The latest discoveries prove that in the Black Sea region a developed civilization existed predecessor to those described in the Bible and Mesopotamian epics. Thus arises the question for the place and part of the Black Sea civilization in human history. CONCLUSIONS: 1. The existence of numerous proofs for a catastrophic geological event that happened some 7 600 years ago. 2. The presence of ancient neolith culture remnants on the coast and the ancient strandline of the Black Sea. CONCLUSION: The Black Sea flood as a geological event is indisputable fact. The negative ecological consequences of the flood resulted in the migration of the representatives of a highly developed civilization leaving behind lasting traces in the shelf. We dare believe we are on the threshold of new exiting discoveries that will change our notions of human most ancient culture history.

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