

DID “8.200 COLD EVENT” CHANGED PALEOCLIMATE THE CULTURE OF THE LEPENSKI VIR?

8.200 ky BP cold event happened on the Northern hemisphere. It was caused by melting Laurentide ice and outburst fresh and cold water into Hudson Bay, Labradore Sea and Atlantic Ocean. North Atlantic Oscillation (NAO) change due to and mixing warm and cold ocean circulation. Paleoclimate is change occurred in western, eastern, central and partially area of southern Europe. In this paper we represent possibility of influence of cold event on archeological locality Lepenski Vir. Paleoclimatological calculation shows mean annual temperature dropped for 0,5°C, but it did not caused tremendous cooler. Based on the density and type of vegetation, closed mountain system Carpatho-Balkanides, caloric regime of Danube river, composite character of Djerdap gorge, tectonic structure, geological base, direction of winds, precipitations, ideal geographic position (latitudes), content of CO₂, aerosols in the air, length of duration of cold event, expanse of distance from North Atlantic Oscillation and other climatologically factors show that “cold event 8.200 ky BP” do not have influence on the development of culture Lepenski Vir.

Key words: Archeological locality Lepenski Vir, 8.200 ky BP cold event, Laurentide ice, Holocene paleoclimate, drop the mean annual temperature.