

TWO OLD GNOMONS FROM BOSNIA AND HERZEGOVINA

Two of the most primitive sundials were presented, where instead of a vertically placed stick that casts a shadow, the wall of the mosque, or minaret, was used. One gnomon is located in Livno (Southwest Bosnia) and is part of the wall of the Mustafa Paša (Lala Paša) or Begluk mosque, and the other is in Stolac (Herzegovina), as part of the wall of the Ismail-kapetan mosque (Šarić mosque). The first mosque was built in 1577/78, and the second in 1741/42. years. Both gnomons serve to determine noon (for noon prayer). Since the year of making the sundial in Travnik is unknown, these are the oldest dated monuments related to time determination (practical astronomy) in Bosnia and Herzegovina.

Key words: History of Astronomy, gnomons, Stolac, Livno, Bosnia and Herzegovina