

# VISOČICA ON THE BALANCE

2010

If nature creates a geological pyramid shape, why don't we give it the proper descriptive term: pyramid hill? The arguments on this nomination at Visočica persist because of: 1) little knowledge on **PYRAMID SCIENCE**, 2) wrong belief that pyramids are **MANMADE**; and 3) opinions driven by **DISAGREEABLE ATTITUDES**.

These arguments led to 5 conclusions:

1. The pyramid hill Visočica is a new introduction to the local scenarios of pyramid science.
2. Visočica is justified for a pyramid nomination.
3. The main subjects to understand the pyramid hill Visočica are geological.
4. Perhaps our present wealth, technology and resources are not capable.
5. The true measure of a pyramid expert is his output on pyramid science.

## PYRAMID SCIENCE

This debate in my view should be organized within the academic and the field branches of pyramid science. The academic branch, deals with properties, terms and concepts; while the field branch deals with geology, archaeology and architecture. The result of investigating these subjects should determine the pyramid status of Visočica.

### PYRAMID PROPERTIES

If pyramid properties are fulfilled at Visočica, it will justify a pyramid nomination. Properties discuss: *geometry, orientation* and *stability*. The facts that Visočica offers a pyramid appearance; oriented to the cardinal points and adheres to the angle of repose; warrant the nomination.

Looking along the NS and the EW axis, I see the largest pyramid in the world. A brief description of geometry shows: 1- three sharp corners the fourth destroyed, 2- two flat faces, one partly flat; and one is destroyed.

From below the corner lines are measured from different contours; they meet at a calculated summit. Like pyramids built on unlevelled foundations; a datum level has to be estimated. At Visočica the calculated base is found to be rectangular but in fact there is no physical base for this natural structure.

At some pyramids in Egypt and elsewhere the classical state is exceeded but they are known to be pyramids.

Let's remind ourselves, first, that a classical pyramid is made up of 11 straight lines:

- 4 straight lines at the base, equal in length
- 4 straight lines at the corners, equal in length
- 2 straight lines, diagonals of the base, equal in length

- 1 straight line from the center of the base to the apex

And, second, let's point out where the excision takes place at certain pyramids:

- PYRAMIDS WITH ROUNDED CORNERS: The pyramid of king Khuwi at Dara and the pyramid of the Magician at Uxmal.
- THE PYRAMID BASE IS RECTANGULAR NOT SQUARE: Step pyramid at Saqqara, the pyramid of inscriptions at Palenque.
- THE CORNER LINES ARE SHOWING A DOUBLE SLOPE: The Bent Pyramid at Dahshur
- THE CORNER LINES ARE BROKEN UP INTO STEPS: the minor step pyramids, the step pyramid at Saqqara, Phase E1 and E2 at Meidum; pyramid of the niches at El Tajin Veracruz; and small step pyramids at: Canary Islands, El Salvad, Italy and Korea.

Concluding this stage I may suggest that:

**Conclusion 1.** At Visočica we have tolerable scenarios, similar to, the local ones at Mexico, China and elsewhere. Thus *the pyramid hill Visočica is a new introduction to the local scenarios of pyramid science.*

**Conclusion 2.** Because Visočica has small deviations from the classical format as some of the Egyptian pyramids do; I believe that *Visočica is justified for a pyramid nomination.*

### Academic investigations:

We have already discussed **properties** and now briefly talk about terms and concepts:

- Universal **Terms** are essential for all branches of pyramid science, subjects to research and objects to investigate.
- **Concepts** seek a deeper understanding of the factors that may be involved in the feature: e.g. monumental, historical religious and the like.

The collection of terms and the investigation of concepts shall develop from the academy and in the field researches.

### Field investigations:

- Field **geology** is where disagreement has developed at Visočica, and reveals diagnostic disharmony among specialists.
- Field **archaeology** is a tool which can reveal information about the object and if the pyramid is *manmade* or if there are any *human interventions*.
- Field **architecture** begins in the wake of definite discoveries of *manmade* or *human intervention*. If no traces are found then our pyramid hill becomes a geological case.

Some results from some geologists:

### SEJFUDIN VRABAC:

- Quote: 'Visočica is the natural hill consisted of Miocene clastic sediments'; (an Email sent to me).

## MOHAMED EL ANBA<sup>C</sup>AWI:

- Sees that Visočica cannot be considered independent of the surrounding region, his field visit in 2008 and examination of the satellite photographs led to the observations in his report published on this web page: *“The possible fluvioglacial-tectonic origin of the pyramidal hills and associated features, Bosnia and Herzegovina”*

## ROBERT SHOCH:<sup>1</sup>

- Visočica Hill is composed of layers of sandstone, clay, mudstone, siltstone, and conglomerates apparently deposited in an ancient lake and river system during Miocene times.
- The rocks have been tilted and bent due to tectonic stresses. The tectonic forces plastically deformed the clays and mudstones, but the sandstones and conglomerates broke into semi-regularly shaped pieces that Osmanagich and his team have excavated in numerous places.
- These same rocks are also rich in paleontology. I found large accumulations of fossil leaf debris and even some fairly complete Miocene fossil leaves.
- On line: <http://www.robertschoch.com/bosniacontent>

**Conclusion 3.** These are only a few selected opinions on geology where one can see little agreement on certain items. ***The main subjects to understand the pyramid hill Visočica are geological.***

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<sup>1</sup> Author of farfetched idea claiming that the great sphinx of Giza was cut from a larger statue of a lion;  
<http://www.robertschoch.com/sphinxcontent.html>

## MANMADE

Our subject is Visočica on the balance; it is not forcing the idea for a manmade origin; because with or without human intervention; pyramid properties have already decided the pyramid hill status.

Analyses of sample do not support a definite statement; archaeological finds, when unearthed, will show the true status, this has not been attempted and until then we may dismiss human intervention.

The analyses listed below raise serious questions concerning: mining, transportation, and processing. We must realize that the content of an absolute or sophisticated descriptions below have to be within the reach of hypothetical constructors.

### SEMIR OSMANAGICH:

Sent me a list of the analyses mentioned below

- Construction Institute, Tuzla, Bosnia-Herzegovina, July 2006, dr. Ahmet Imamovic , “Stone blocks are artificial construction material”
- Institute for Materials, University of Zenica, Bosnia-Herzegovina, dr. Muhamed Pasic, June 2006-August 2008, had analyzed 50 samples, “man-made concrete with the hardness of 74-133 Mpa (modern concrete 10-40 Mpa), clay was used as a binding material”
- Geo-Projekt, Tuzla, Bosnia-Herzegovina, April 2008, geologist Dr. Izet Kubat, “samples are man-made concrete”
- Institute for Materials and Construction, University of Sarajevo, Bosnia-Herzegovina, July 2008, Dr. Azra Kurtovic, “hardness of the sample is 74 Mpa, water absorption 1,1% (modern concrete 3%), CaO 39,20%, sample shows the properties of the concrete”
- Institute for Geopolymers, France, March 2008, Dr. Joseph Davidovits, “Electronic Microscope analysis confirms cemented concrete – geopolymer cement”.<sup>2</sup>
- Politecnico di Torino, Department for Chemistry, Italy, December 2009, “Binding material for the concrete was produced by clay heating process at high temperatures (caolinit, muscovite) and limestone (dolomite i calcite), and that technological process transformed them to the adhesive material”.
- Faculty for Natural Sciences, University of Sarajevo, Bosnia-Herzegovina, 2005-2007, biologist Dr. Sulejman Redzic, “Vegetation on the Bosnian Pyramid of the Sun is different than on other hills and match warmer Mediterranean climate. Due to inner hollow spaces surface of the Pyramid is 5 degrees warmer than in surrounded area”; “Several times Bosnian Pyramid of the Sun was unsuccessfully tried to be artificially planted. Roots of the plants could not penetrate through cemented concrete like through the natural rocks”.

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<sup>2</sup> Joseph Davidovits is the author of some unacceptable ideas about the pyramids of Egypt; he has stated that they were built of agglomerated stone: e.g. *Alchemy and Pyramids: whips and slaves or buckets and spades*, Geopolymer Institute, Saint Quentin, 1978. There are others who claim finding nails in the masonry of the Red pyramid at Dahshur!

- Full reports of analyses of samples from Bosnian pyramid project, Visočica and organic materials found in underground labyrinth “ravne”; are published on this web page.

#### **MENSUR OMERBASHICH:**

- A military construction! : *Bosnian “Pyramids”*: Hills shaped by Romans.  
<http://omerbashich.blogspot.com>

#### **ALY BARAKAT:**

- Visočica is a natural hill of Miocene age shaped by man into pyramids with a few hard, manmade conglomerate blocks on the plateau. Perfect shaped rectangular blocks. (I have seen > 10)
- White slabs are arranged on two faces following the general slope. (no photographs, no reports)
- The construction material of the western side is straight and decomposed; a feature reported by Dr. Andretta in June 2006. (verbal information with no archaeological reports)
- This information is a summary of several of reports by Ali Barakat.

**Conclusion 4.** On the matter of a manmade pyramid or about human intervention; the arguments mentioned above are a matter for individual judgments. We have to realize that the amount of material, logistics, building techniques and manual skill involved; is out of proportion;<sup>3</sup> ***perhaps our present wealth, technology and recourses are not capable of that.***

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<sup>3</sup> Does anyone estimate the volume of concrete needed to cover 10 cm thick over the faces of Visočica?

## DISAGREEABLE ATTITUDES

Some statements give us the wrong impression:

- Thus claiming “I have also spent many years studying pyramids in Egypt and elsewhere, and I feel I have a good handle on the features that distinguish a genuine pyramid”, (I, N.S. do not agree).
- The same geologist, talking Geology (not pyramids) said: “I maintain my conviction that there are NO pyramids at Visoko, Bosnia”; (wrong; N.S.).
- Another believes he is authorized to announce, that “(a second person) knows nothing about pyramids”. And thinks he has the right to say that (a third person) “is hallucinating”; (I, N.S. ask you to: control your emotions).

On the level of amateurs and laymen, we can see that both are impressed by such spontaneous statements, what they see on a TV documentary or read in an uneducated source.

I understand how the first glance at the pyramid hill Visočica creates some astonishment; and that it does not look like the pyramids at Giza. This does not dismiss the pyramid state!

**There is a gap between pyramid knowledge and pyramid understanding:**

Knowledge can be obtained by visits or by reading pyramid books; this does not really mean that one understands pyramids.

Amateurs, laymen, and unfortunately a few scholars, suffer from the absence of knowledge of pyramid science, a classical shape and the degree of tolerance. These are the subjects for understanding pyramids.

**Pyramid experts**

**Conclusion 5.** Some scholars gain a reputation of being “*pyramid experts*” by occupying a post or an administrative or a teaching position for some time. Others develop a charisma and become stars on TV documentaries; unfortunately some of what they claim is received without any verification or checking. ***The true measure of a pyramid expert is his output on pyramid science.***