

I visited the place where the agroglyph appeared on the night between June 20.th/21st on the morning of June 23th, after knowing about it from a local newspaper.

It is located in a popular residential area of Pisa, it is spiral shaped, the diameter of the external part is 16 m long, the one of the inner part measures 9 m.

The spikes in the interior of the spiral are bent, not broken with a thickening of the nodes in their inferior part. The spikes containing wheat corns taken in the interior of the agroglyph are softer, as if their corns had withered, in comparison with the ones taken in the outside part, which are turgid and consistent and their nodes are nor bent neither thickened.

The spikes result to be leaning on the ground and braided. In the outer part they are bent clockwise, in the inner one they're bent anticlockwise. The junction point is evident. The central part of the spiral measures 30 cm. Unfortunately curious people spoiled the circle walking on it and taking the central braid away. In the photos taken on June 21.st the crop appears to be complete. The borders are sharp-cut. The ground results to be dry, since it hasn't been raining for weeks, but in the crop circle it is drier. I took samples of ground both in the agroglyph and out of it (at 50/60 cm) and on June 25.th I brought them to Mr. Pattera in order to analyze them.

I measured the radioactivity and the presence of electromagnetic fields with negative results in both cases. Here are the results, measured with a made in Russia Geiger-Müller counter: interior of the agroglyph = 3 – 4 microsievert, outside of the agroglyph = 7-8 microsievert; so in the inner part the values are strangely inferior¹

The measurement of the electromagnetic fields, gave a result of 0.10 to 0.20 microtesla, both in the interior part and out of the agroglyph.

A farmer living near this area says that on the night between June 20.th and june 21.st he saw a white light, cross shaped and very intense, positioned over the wheat where later the crop circle would appear. This rumors are being checked by the police. A soldier was present in this place when I arrived, and let me in just after I showed him my membership card of CUN.

¹ 1 Sievert (Sv = J/kg) = 100 Rem

TECHNICAL COMMENT BY GIORGIO PATERA

In spite of the good work made by Maurizio Briganti I'm not convinced about the authenticity of Barbacina crop, even if soldiers have intervened, what is rare but not new. Let's see why:

1. The diffractometric analysis of the samples taken in three different parts of the soil have shown an absolutely standard composition of the ground for a wheat farming, with the usual difference of $\pm 5\%$. Anyway we must remember that the effects of the electromagnetic sources (microwaves?) are transitory on the ground.
2. The deflection of the stems, even if not broken, is almost always in the fourth node, with small angles ($10^\circ \div 20^\circ$), the same is to be found also in the spikes outside the pictogram.
3. The bent nodes are not notably thickened neither lengthened, even if they are part of young plants, still green (not ripe yet and full of sap).
4. The small dimension and the simplicity of the design let the specialists doubtful about the non human matrix of the crop. The fact that it appeared on the night of the Summer solstice let one think about a possible esoteric set up.

BARBACINA "CROP" – INTERNAL PART OF THE SPIRAL

ELEMENT	CHEMICAL SYMBOL	PERCENTAGE
Silicon dioxide	SiO ₂ (Alpha Quartz)	82%
Gypsum	CaSO ₄ 2H ₂ O	1.2%
Silicon	Si	1.2%
Fluorite	CaF ₂	?0.0%
Goethite	FeOOH	5%
Hematite	Fe ₂ O ₃	3.5%
Calcite	LiF	====
Lithium fluoride	CaCO ₃	7%

BARBACINA "CROP" – OUTER PART OF THE SPIRAL

ELEMENT	CHEMICAL SYMBOL	PERCENTAGE
Silicon dioxide	SiO ₂ (Alpha Quartz)	85%
Gypsum	CaSO ₄ 2H ₂ O	====
Silicon	Si	1.5%
Fluorite	CaF ₂	====
Goethite	FeOOH	====
Hematite	Fe ₂ O ₃	====
Calcite	LiF	12%
Lithium fluoride	CaCO ₃	1.5%

BARBACINA "CROP" – 50 M OUT OF THE SPIRAL

ELEMENT	CHEMICAL SYMBOL	PERCENTAGE
Silicon dioxide	SiO ₂ (Alpha Quartz)	85%
Gypsum	CaSO ₄ 2H ₂ O	====
Silicon	Si	1.2%
Fluorite	CaF ₂	1.2%
Goethite	FeOOH	1.3%
Hematite	Fe ₂ O ₃	1.3%
Calcite	LiF	10%
Lithium fluoride	CaCO ₃	====

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