

PAPER ONE: THE PANOCCHIA CROPCIRCLE

AN ALIEN CROPCIRCLE ? NO, THANKS ! (Pattera's introduction to the Panocchia results)

During the night between June 25 and 26, in a field of nearly ripe wheat at Panocchia, an enigmatic and fascinating geometric formation appeared "ex abrupto". The unbridled imagination of the excited citizens interpreted the symbol as – take your choice: 1) the Mitsubishi trademark 2) the chemical symbol for ozone 3) the symbol for the Trinity.

Maybe this last interpretation is the closest to reality, if it is true that the Devil who is known to be against the diffusion of the sacred, has left the sign of his tail, or rather, the straight line.... I will explain: when seen from the air, the three circumferences of the formation were imperfect; in three places the curve of the circles was substituted with a straight line: a telltale sign of the imprecision of someone working in a hurry, with flashlights and mosquitoes.

A further detail which should not be overlooked is the fact that the stalks were bent at the base of the plant and not at the nodes. Authentic agroglyphs are bent at the nodes. To top it off, there were a number of isolated standing stalks which "miraculously" escaped the restyling operation, expertly but hastily done, probably with rakes with widely spaced tines, along with wooden planks and ropes.

Furthermore, the scientific findings leave no doubt: no soil calcination is present; there is no presence of microwaves and / or radionuclides, no magnetic field anomalies: there is only a certain heterogeneousness in the percentages of distribution of the common chemical components of normal farm soil, due, (as the farmers themselves admit) to the repeated use of synthetic chemical products such as fertilizers and herbicides.

CENTRAL AREA OF PICTOGRAM: (at the intersection of the 3 circles)

COMPONENT	CHEMICAL SYMBOL	PERCENTAGE
Silicon dioxide	SiO ₂ (Alpha quartz)	33%
Gypsum	CaSO ₄ .2H ₂ O
Silicon	Si	17%
Fluorite	CaF ₂
Goetite	FeOOH	17%
Hematite	Fe ₂ O ₃
Calcite	CaCO ₃	33%

CENTER OF THE EASTERN CIRCLE:

COMPONENT	CHEMICAL SYMBOL	PERCENTAGE
Silicon dioxide	SiO ₂ (Alpha quartz)	14%
Gypsum	CaSO ₄ .2H ₂ O
Silicon	Si	3%
Fluorite	CaF ₂	66%.....
Goetite	FeOOH	7%
Hematite	Fe ₂ O ₃	3%
Calcite	CaCO ₃	7%

AREA OUTSIDE PICTOGRAM (at the edge of the adjoining vineyard)

COMPONENT	CHEMICAL SYMBOL	PERCENTAGE
Silicon dioxide	SiO ₂ (Alpha quartz)	4%
Gypsum	CaSO ₄ .2H ₂ o
Silicon	Si	4%
Fluorite	CaF ₂	73%
Goetite	FeOOH	15%
Hematite	Fe ₂ O ₃	4%
Calcite	CaCO ₃

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PAPER TWO : THE UNUSUAL FORMATION AT CALDERARA (near Bologna)

During the night between June 6 and 7, 2001, a perfectly circular, 4 meter diameter formation appeared in a lane near a farmhouse in the Bologna countryside, near the river embankment at Calderara di Reno. At the time of its appearance, dogs barked insistently and without any apparent motive.

Gianfranco Degli Esposti, National Ufological Center investigator, took soil samples from the center and just inside the borders of the formation, and 5 meters outside the borders. The samples were sent to the scientific consultant for the National Ufological Center, Dr. Giorgio Pattera at Parma. Pattera had them sent to a CNR (“National Center for Scientific Research”: the official government funded scientific research body) laboratory where a diffraction analysis was performed with the “Philips Analytic X-Ray”, yielding the following data:

SAMPLE ORIGIN	COMPOSITION	% OF CRYSTALLIZATION	DEVIATION FROM TOTAL (+/- 5%)
Inside circle	SiO ₂ CaCO ₃ Si FeOOH	44%	- 56%
Corona of circle	SiO ₂ CaCO ₃ Si FeOOH CaSO ₄ .2H ₂ O	70%	-30%
Outside circle	SiO ₂ CaCO ₃ Si LiF CaF ₂ FeOOH Fe ₂ O ₃	84%	-16%

We can deduce from the chart that the percentage of elements present in the soil in microcrystalline form tends to diminish as one proceeds from the area outside the formation (where, considering the +/- 5% of latitude, the percentage of microcrystallization is still acceptable) and passes on to the circular corona, (where a significant drop of 30% is already evident), and arrives at the center, in which the percentage of the abovementioned elements drops to a surprising 44%.

In other words, the data under examination could be explained by the fusion (vitrification) of microcrystals of various elements that make up the soil, in particular, silicon dioxide, which, consequently, instruments are no longer able to detect. This phenomenon could be due to the soil being exposed to an intense heat source for a very brief period (a few seconds) which would be sufficient to cause the liquefaction of the microcrystalline elements but not enough to cause combustion of the plant or the soil itself. Indeed, no traces of carbonization or ashes were found in the soil; only the color was darker (like that of a brick after firing) and the consistency more compact inside the corona with respect to the area outside the circle. Microwaves produce a similar effect, only in order to produce the same effects, it would be necessary to use an EM induction oven with a potential greatly superior to what our present technology can provide.

Giorgio Pattera