

The Meaning of the Venus Figurines of the Stone Age

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March 2015

- I. Introductory remarks
- II. Upper Paleolithic society: feminization, collaboration and rise of the Venuses
- III. Neolithic society, the twist caused by plough agriculture and twilight of the Venuses
- IV. Meaning of the Venuses

I. Introductory remarks

The meaning of the Venus figurines made by Homo sapiens of the Stone Age has been discussed many times in both scientific and popular literature.

The interpretations vary tremendously. A survey of the meaning of the Venus figurines of the Upper Paleolithic can be found, for example, in an article by Karen Diane Jennett (1).

I think that when considering the meaning of the Venus figurines, it is crucial to take in consideration:

The way of life of the people who created them; i.e. the basic features of the then society (societies).

The fact that the artefacts found on archaeological sites were by far and foremost the artefacts which were abandoned by the then people, and thus were not the “first-class products”. (A good example is the Brassempouy Venus figurines (2)). Moreover, we could find only the artefacts made of durable material (plus we need a good luck).

Influence of our culture on our way of thinking: Lots of things which we consider “natural” were not natural for the then people and vice versa.

Influence of authorities: The interpretation of the Venuses cannot be verified by experiments similar to experiments in physics or chemistry. As Albert Schweitzer pointed out, a brilliantly formulated (but false) view too often disables any discussion which could lead to the recognition of the truth.

II. Upper Paleolithic Society: feminization, collaboration and rise of Venuses

I endeavoured to describe in detail the way of life of the Pavlovian-Gravettian people in the article (3). Here I will deal with the subject more briefly, with an emphasis on the information relevant to the interpretation of Venuses.

Probably the most important phenomenon of the Upper Paleolithic was the emergence of new, advanced technologies and art. There are reasons to consider the advances to be the result of decreased levels of testosterone in the then Homo sapiens (because testosterone makes people less cooperative and more egocentric (4)), which led to lowered aggression, enhanced social tolerance and cooperation. Because general intelligence is closely connected with the social and emotional abilities, it is reasonable to suppose an enhancement of the general (and emotional) intelligence (5) with enhanced cooperation among people. This evolutionary step was recently documented by craniofacial feminization (6). It is possible to say that people's traits changed as if they modified from the chimpanzees' (Pan troglodytes) to the bonobos' (Pan paniscus) traits.

Shortly afterwards, the Venus figurines emerged.

Here it is important to note that the "feminization" was one of the important components which made people "hyper-cooperative". The other, which was, as it seems prerequisite of this cooperative behaviour, is much older and is called cooperative breeding (7), that is that children are not cared for solely by their mothers/fathers, but also by other people of the group (both related and unrelated), called alloparents (8). What is typical of the cooperative breeders is "other-regarding preferences", which are related to altruism.

So it seems that for a blooming society the cooperative breeding was prerequisite one and the feminization prerequisite two. (Sole cooperative breeding would not be enough, because, for example, common marmosets (*Callithrix jacchus*) are cooperative breeders and still are less intelligent than chimpanzees (*Pan troglodytes*), which are not.)

So we can say that people of the Upper Paleolithic were intellectually advanced, altruistic, cooperative, non-violent. We can suppose that there was no patriarchy, as we know it from the written history and present day. A matriarchy as an antithesis of patriarchy is not a little bit meaningful. Women in general had no reasons to subjugate men, as men did (and do) to women.

Instead of subjugation, it was enough to recognize the importance of women (or females in general). For example, most males in a population can perish without diminishing the ability of the population to reproduce (9). Mortality of male embryos and adults is higher than that of female embryos and adults (9). Men die earlier than women (10). Biologists even state that: "Males are dependent on females and propagate at their expense, rather as in parasite-host relationship" (11). So matriarchy was not necessary; it was sufficient to recognize plain facts, which were (and are) not beyond the mental capabilities of any thoughtful modern Homo sapiens, both now and 40,000 years ago.

III. Neolithic society, the twist caused by plough agriculture and twilight of the Venuses

The Neolithic is the era connected with the arrival of agriculture, which brought many changes into the lives of the then people. Most of the changes were changes for the worse (worse nutrition, more communicable diseases, etc.), and it is still a matter of speculation why European hunter-gatherers became agriculturalists.

Nonetheless, there are sound reasons to believe that the main change in relationships among people came with plough agriculture (with ploughs drawn by large animals), which led to the onset of patriarchy (12, 13, 14). The command over large animals, which became the major means of subsistence, was almost solely male business. This led to the dependence of women on men. Sooner or later, some men (which were prone to do so) started to misuse their positions, which resulted in the subjugation of women and the onset of patriarchy.

In Europe, plough agriculture first emerged in the late Neolithic, some 6,000 years ago with Funnelbeaker Culture, TRB, or TBK (15).

The above-mentioned scenario was recently supported by the study by Monika Karmin et al. (16). The study of human genome shows that around the late Neolithic there was a dramatic decline in the number of men who fathered descendants, while the number of women, who had children was on the rise. This corresponds with the situation, when dominant groups of men usurped the power, including the power over the women. It is highly probable that the men abusing their power were the men with a high level of testosterone, and so the trend of non-violence, cooperation and social tolerance of the Upper Paleolithic had been reversed. An inevitable question follows: As the more aggressive and dominant people are generally also less intelligent (17, 18), did the described situation lead to a decrease in intelligence? The fact is that today's Europeans have a smaller cranial capacity than Europeans in the Upper Paleolithic (19).

The onset of patriarchy corresponds with the **demise of Venus figurines** in Central Europe.

IV. The Meaning of the Venuses

When interpreting the meaning of Venuses, we are in a special situation. There is probably not such contemporary culture, where the ratio of female/male figurines it produces is so heavily biased in favour of female figurines. According to Sandra Sázelová, who looks for similarities between contemporary hunter-gatherers of Northern Eurasia and the people of the Upper Paleolithic (20): "There is a significant gender disproportion in the discovery rates of Upper Paleolithic anthropomorphic figurines, which swing in favour of female figurines (Svoboda 1999 (21)). We will not find the same situation in the ethnological context, however. ...in practice, the ratios of male to female figurines and spirit entities are approximately equal..."

That is why we must rely on the facts derived from the reconstruction of the Venus-making cultures described above.

So we can infer that in the cultures in question women and feminine qualities were held in high esteem, and the same could be said about female figurines.

If they represented ancestors, they must have represented female ancestors; if they represented guards, they must have been female guards; if they represented deities, they must have been female deities.

Because human beings are spiritual beings, we can suppose some spiritual meaning of the Venus figurines. I think they were considered sacred and/or magical objects.

There is a question whether they could be called “goddesses”. So another question follows: What does a goddess look like? Written history tells us that a goddess can look like a woman and only her description reveals that she was or is considered a goddess. That is why I think that when we have no written record of the Venuses, we must admit the possibility that at least some of them were considered goddesses, or an equivalent of goddesses as we understand them today.

References:

1. Karen Diane Jennett: Female Figurines of the Upper Paleolithic. Honors Thesis. Presented to the Honors Committee of Texas State University-San Marcos In Partial Fulfillment of the Requirements For Graduation in the University Honors Program, San Marcos, Texas, May 2008.
<https://digital.library.txstate.edu/bitstream/handle/10877/3202/fulltext.pdf>
2. Randall White: The Women of Brassempouy: A Century of Research and Interpretation. *Journal of Archaeological Method and Theory*, Vol. 13, Dec. 2006, p. 251-304.
3. Vít Lang: Window into the Palaeolithic Europe 30,000 Years Ago: Results of the Multidisciplinary Approach. Antopark, 2008 (see these webpages, ***<http://www.lands-of-venuses.eu>***, link “**Life of people 30,000 years ago**” or ***http://www.paleoetnologie.wz.cz/window_into_the_palaeolithic_europe_30000_years_ago.pdf***)
4. Nicholas D. Wright, Bahador Bahrami, Emily Johnson, Gina Di Malta, Geraint Rees, Christopher D. Frith, Raymond J. Dolan: Testosterone disrupts human collaboration by increasing egocentric choices. *Proceedings of the Royal Society B*, 2012; DOI: 10.1098/rspb.2011.2523.
5. A. K. Barbey, R. Colom, E. J. Paul, A. Chau, J. Solomon, J. H. Grafman: Lesion-mapping of social problem solving. *Brain*, 2014, DOI: 10.1093/brain/awu207.
6. Robert L. Cieri, Steven E. Churchill, Robert G. Franciscus, Jingzhi Tan, and Brian Hare: Craniofacial Feminization, Social Tolerance, and the Origins of Behavioral Modernity.

7. J. M. Burkart, O. Allon, F. Amici, C. Fichtel, C. Finkelwirth, A. Heschl, J. Huber, K. Isler, Z.K. Kosonen, E. Martins, E. J. Muelman, R. Richiger, K. Rueth, B. Spillmann, S. Wiesendager, and C. P. van Schaik: The evolutionary origin of human hyper-cooperation. *Nature Communications*, 27 Aug. 2014, DOI: 10.1038/ncomms5747.
8. Sarah Blaffer Hrdy: On Why It Takes a Village. Cooperative Breeders, Infant Needs, and the Future. In Robert L. Burgess and Kevin MacDonald (Editors): *Evolutionary Perspectives on Human Development*. Sage Publications, 2005, pages 167-188.
9. Jaroslav Flegr: *Evoluční biologie*. Academia, Prague, 2009. Second Edition, page 279 (in Czech).
10. Jennifer C. Regan and Linda Partridge: Gender and longevity: Why do men die earlier than women? Comparative and experimental evidence. *Clinical Endocrinology and Metabolism*, Vol. 27, 2013, p. 469-479.
11. G. A. Parker, R. R. Baker and V. G. F. Smith: The Origin and Evolution of Gamete Dimorphism and the Male-Female Phenomenon. *Journal of Theoretical Biology*, Vol. 36, 1972, p. 529-553.
12. Evžen Neústupný: K počátkům patriarchy ve střední Evropě (On the beginning of the patriarchy in Central Europe). *Rozpravy Československé akademie věd*, Vol. 77, No. 2, Academia, Prague, 1967 (in Czech).
13. Alberto F. Alesina, Paola Giuliano and Nathan Nunn: On the origins of gender roles: Women and the plough. NBER Working Paper Series, Working Paper 17098, National Bureau of Economic Research, Cambridge, MA, May 2011.
<http://www.nber.org/papers/w/17098>
14. Stephen Shennan: *Genes, Memes and Human History*. Thames and Hudson, London, 2002, p. 197-202.
15. Karel Sklenář, Zuzana Sklenářová and Miloslav Slabina: *Encyklopedie pravěku v Čechách, na Moravě a ve Slezsku*. (The Encyclopaedia of Prehistory in Bohemia, Moravia and Silesia). Libri, Praha, 2002. (in Czech)
16. Monika Karmin, Lauri Saag, Mário Vicente, Melissa A. Wilson Sayres, Mari Järve, Ulvi Gerst Talas, Siiri Rootsi, Anne-Mai Ilumäe, Reedik Mägi, Mario Mitt, Luca Pagani, Tarmo Puurand, Zuzana Faltyskova, Florian Clemente, Alexia Cardona, Ene Metspalu, Hovhannes Sahakyan, Bayazit Yunusbayev, Georgi Hudjashov, Michael DeGiorgio, Eva-Liis Loogväli, Christina Eichstaedt, Mikk Eelmets, Gyaneshwer Chaubey, Kristiina Tambets, Sergei Litvinov, Maru Mormina, Yali Xue, Qasim Ayub, Grigor Zoraqi, Thorfinn Sand Korneliussen, Farida Akhatova, Joseph Lachance, Sarah Tishkoff, Kuvat Momynaliev, François-Xavier Ricaut, Pradiptajati Kusuma, Harilanto Razafindrazaka, Denis Pierron, Murray P. Cox, Gazi Nurun Nahar Sultana, Rane Willerslev, Craig Muller, Michael Westaway, David Lambert, Vedrana Skaro, Lejla Kovačević, Shahlo Turdikulova, Dilbar Dalimova, Rita Khusainova, Natalya Trofimova, Vita Akhmetova, Irina Khidiyatova, Daria V. Lichman, Jainagat Isakova, Elvira Pocheshkhova,

Zhaxylyk Sabitov, Nikolay A. Barashkov, Pagbajabyn Nymadawa, Evelin Mihailov, Joseph Wee Tien Seng, Irina Evseeva, Andrea Bamberg Migliano, Syafiq Abdullah, George Andriadze, Dragan Primorac, Lubov Atramentova, Olga Utevska, Levon Yepiskoposyan, Damir Marjanovic', Alena Kushniarevich, Doron M. Behar, Christian Gilissen, Lisenka Vissers, Joris A. Veltman, Elena Balanovska, Miroslava Derenko, Boris Malyarchuk, Andres Metspalu, Sardana Fedorova, Anders Eriksson, Andrea Manica, Fernando L. Mendez, Tatiana M. Karafet, Krishna R. Veeramah, Neil Bradman, Michael F. Hammer, Ludmila P. Osipova, Oleg Balanovsky, Elza K. Khusnutdinova, Knut Johnsen, Mait Metspalu, Mark G. Thomas, Chris Tyler-Smith, Peter A. Underhill, Eske Willerslev, Rasmus Nielsen, Mait Metspalu, Richard Villems, and Toomas Kivisild:
A recent bottleneck of Y chromosome diversity coincides with a global change in culture. *Genome Research*, 20145, DOI: 10.1101/gr.186684.114.

17. Brie Diamond, Robert G. Morris and J. C. Barnes: Individual and group IQ predict inmate violence. *Intelligence*, Vol. 40, 2012, p. 115-122.

18. Patrick C. L. Heaven, Joseph Ciarrochi and Peter Leeson: Cognitive ability, right-wing authoritarianism, and social dominance orientation: A five-year longitudinal study among adolescents. *Intelligence*, Vol. 39, 2011, p. 15-21.

19. Maciej Henneberg: Decrease of Human Skull Size in the Holocene. *Human Biology*, Vol. 60, No. 3, June 1988, p. 395-405.

20. Sandra Sázellová: Female figurines of Northern Eurasia: An Ethnological Approach. In: Jiří Svoboda (Editor): *The Dolní Věstonice Studies*, Vol. 15, Petřkovice. Academy of Sciences of the Czech Republic, Institute of Archaeology, Brno, 2008, p. 224-232.

21. Jiří Svoboda: Čas lovců. (The Era of Hunters.) *Dějiny paleolitu, zvláště na Moravě*. Academy of Sciences of the Czech Republic, Institute of Archaeology, Brno, 1999. (in Czech)