

## **The Unified-Science Definition of the Demographic Quantum Spectrum of Human Communities**

Our new physical definition of a natural quantization of the demographic units of natural human groups is the most important new tool for every scientific treatment of the present social, economic, and political situation of the world. This definition of the Demographic Quantum Spectrum of natural human groups is presented in the following table. (*The relation of this quantization to the quantization of our cosmic home - the Solar System, and the quantization of all possible bioresonances in our own bodies has been explained [elsewhere](#).*)

### **Demographic Quantum Spectrum of Human Communities**

<b><i>Human Group</i></b>	<b><i>Level</i></b>	<b><i>Components</i></b>
World; ~ 5000 M	9	12 Continents
Continent; ~ 430 M	8	12 Nations
Nation; ~ 36 M	7	12 Metropolises
Metropolis; ~ 3 M	6	12 Cities
City; ~ 0.25 M	5	12 Districts
District; ~ 20-21 T	4	12 Clans
Clan; 1700-1800	3	12 Great Families
Great Family; 140-150	2	12 Basic Families
Basic Family	1	4 children, 4 parents, 4 grandparents
<i>An example of a possible Continental-Communities distribution over the World with hypothetical 5 Milliard humans:</i>		
Europe - 1, North and Middle America - 1, South America - 1, Asia - 5 (or 6), Africa - 3 (or 2), Australia and Oceania - 1.		

The individual human beings cannot develop a direct loyalty to demographic quantum groups of the levels higher than their own Great Family. Instead of the individual loyalty, a group loyalty became necessary to be developed and applied when the human population reached millions of people living on the same territory. I suppose, it was the case not earlier than at the end of the last Ice Age, during the life-period of the last "regular" Species of the Neanderthals Genus (between 22300 and 8700 years ago), being spread all over the Earth. Their Great Families was almost surely already earlier closed into Clans of 1700-1800 people, and those Clans into District-Communities of 20-21 thousands of members. Nevertheless, it is also highly probably that such Districts were only able to join themselves together to first Cities (of a quarter of million of people) after the ice sheets of the last Ice Age disappeared from Europe, Asia, and North America. The rests of such Cities have been found along the coast line of that time on almost all continents. It is also clear that Metropolises (of 3 million people) and Nations (of 36 million people) were not capable to feed their citizens prior to the full domestication of the highly productive plants and animals. Because of the extremely dramatic energetic turbulences of the last Cosmic Quantum Jump of level 5 (which culminated between 10000 and 6000 years ago), those demographic processes have been interrupted and could be continued first after the collective trauma of that period has become less acute.

A Nation remains the most important large community unit since then. Only such a unit can retain its integrity and stability, thus stay peaceful in relations to its neighbors. However, in order to secure its peaceful prosperity, a Nation cannot define itself as a homogeneous entity, neither social, nor cultural, and even nor demographic. It is always a natural union of about 150 Cities collected in about 12 higher quantum unities, which

we have called Metropolises in the table above. They are Cities and their Districts, and not Nations, who build the natural units of human communities developing their own culture and traditions. The most urgent task in that respect would be to realize the really personal contacts of the individuals representing each demographic unit on the next higher quantum level. For example, I think, a mayor of a City, personally knowing 150 chefs of all Clans constituting his City, will be always a better "administrator" for all 250 thousand citizens of the City than any abstract body of unknown officials occupying the town halls in our present cities.

On the other side, a Nation is still too small to decide about global problems of the planet. As we have clearly recognized during the recent two decades on the example of the European Union, not only the individual Nations but even the Continental Communities are incapable to solve our really global problems. We have to unite all twelve (or more, in the present world) Continental Communities for this purpose. We have to develop a functioning, generally accepted and respected World Community, being the only Demographic Community capable to solve those global problems of Humanity. The future World Community can be successfully active in their global tasks only when the representatives of all (ideally ~150) Nations would be allowed to continue personal contacts to each other for a longer period of time (say 5 to 10 years). Everyone of those representatives has to be chosen very carefully and with full acceptance of all (~150) mayors of the Cities composing each Nation.