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**FSFS
PURSUIT OF WISDOM**

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TEACHERS MUST BE FREE BEINGS, REAL LEADERS, TO THE END THAT PHILOSOPHY, THE SEARCH FOR WISDOM, MAY BECOME THE CHIEF EDUCATIONAL PURSUIT. p. 806

WORLD POPULATION

By the time you finish reading this sentence the population of Urantia will increase by 7 persons! By the time you finish reading this article the population of the world will increase by more than 2,500. By this time tomorrow it will increase over 190,000...that's 1,300,000 per week...6,000,000 more one month from now: 72,000,000 a year!

We have all seen figures like these. What do they mean? Are they true? How will this affect us? Are there already signs of overpopulation? What should our roll be in shaping world policy or opinion? What does The URANTIA Book say about population? Is this a problem serious enough to be concerned about? This article will address these and other questions, facts, opinions, trends, and solutions of population dynamics, the future of the brotherhood of man on Urantia.

FACTS AND FIGURES

The current population of America is over 245 million. With an expansion rate of 2.3 million in 1987, over 18 million since 1980, in the year 2000 we will have about 275 million people in the United States. Although net immigration accounts for about 25% of this increase, that figure is falling due to stricter governmental control. The birth rate is 15.6/1000 while the death rate is 8.7/1000 for a net increase of 6.9 additional persons per 1000 already present. At this rate we will have 320 million people by 2025: 30% more in only 37 years.

In the developed countries population grows at a slower rate than the rest of the world due to a higher standard of living, better government, advanced education and other factors. Estimates of population for this segment are 1.2 billion in 1990, 1.3 billion in 2000, and up to 1.4 billion by 2025. The birth rate among these industrial nations is about 16/1000 as a whole, and the death rate is 9/1000, yielding an increase of 7 persons per 1000 inhabitants.

The shocking figures come from the underdeveloped segment of our planet. Lagging behind the rest in education, industry, and standard of living, this area is far greater in population than the developed portion. Estimates here run at 4 billion by 1990, 4.9 billion by 2000, and 6.8 billion by the year 2025. The birth rate among these people is about 33/1000 and the death rate only 12/1000, giving a net increase of 21/1000 inhabitants. This is contrasted to the net increase of 7/1000 in the developed areas. To illustrate this point, the United Nations has projected China will have 1.5 billion people by 2025, India 1.3 billion, and Nigeria 321 million - more than the USA!

As we become more and more world minded, we begin to look at concepts with a more mature eye. Indeed, we are told that for real progress to take place, a sphere must develop one language, one religion, one philosophy and one world government, p.626, 1489. So it is right to study global problems in a global context. With the exception of a few individuals orbiting the planet, we are all confined to a finite living space. We are all connected. We are all members of a worldwide brotherhood of man. Your problem is my problem. Their problem is our problem.

And the problem is world population growth. A recent newspaper article had a lead sentence that said, "By the time they reach middle age, Americans born today could be sharing the planet with twice the current number of people." In 1974 world population was 4 billion. It is now over 5 billion. Conservative estimates show by the year 2000 over 6 billion; and by 2025 over 8 billion. Seventy-five percent of that growth will come from underdeveloped nations.

TRENDS

Trends in population are more alarming than estimates of the recent past have predicted. The overall growth trend has not been following the standard projections. The anticipated decline in birth rates in many underdeveloped countries has not been as great as hoped for. The global population has been rising FASTER than previously anticipated. A 1963 UN conservative projection was for the world to reach 5 billion in 1993. We made it in 1987. A 1962 book I read assumed that with global policies we might be able to hold world population to about 5 billion by the year 2000. Of course, we have surpassed that mark 13 years in advance.

The ultimate trend for population prediction is called the doubling rate. The population of the world was about 5 million in 8000 B.C. (The URANTIA book says world population was about 1/2 million 500,000 years B.C., p. 741). In A.D. 1, world population was 250 million; 500 million in 650; 1 billion in 1850; 2 billion in 1930; and 4 billion in 1974. That puts the current doubling rate at about 40 years. From this, we could assume the number of people alive on Urantia will be over 8 billion by the year 2025.

Many people do not want to hear this kind of information, however. It has been said that the essence of genius is to align oneself with the inevitable. If this is so we have some shortage of genius. A recent editorial I read stated that overpopulation is nothing but a myth propagated by the highly educated through sheer repetition, rhetoric, vehemence and propaganda. It said the facts are completely counter to the hysteria; that the world's food supply is growing consistently faster than the world's population, and vast amounts of fertile land remain unused even in third world countries. (Consumption is rising and the soil is so poor in reclaimed rain forests it will only grow crops for 5 years.) It also said all the people on the planet could be housed in Texas in one-story, single family homes, at a population density less than that of some American cities! (They would need 2 stories and double family homes in 40 years.) It stated that natural resources will last for untold centuries; coal for over 1000 years. (a 1980 source shows world reserves of natural gas at 47 years, oil 34 years, and coal, a chief component of air pollution and acid rain, 1,600 years - assuming no growth in consumption rates.)

There is a perception that world population growth is a problem of the 1970's, or a myth that the world gloom and doomers propagate for some personal gain. This is the reason the Population Reference Bureau published their World Population Data Sheet revealing that worldwide population is still growing faster than has been projected. The growth rate is at 1.7 percent annually. The real problem is that the base is ever widening. While 1.7% of 4 billion is 68 million, 1.7% of 5 billion is 85 million additional persons, and 1.7% of 6 billion is 105 million per year. If this trend continues, in a few years we arrive at a rate of an additional billion every decade. If you extend this rate over the next 600 years there would be less than 10 square feet of land left for each person: standing room only!

Even if fertility rates came down to replacement level immediately, the population would more than double before finally stabilizing due to the large numbers of young people entering their reproductive years. Roughly half of the people of the underdeveloped world are under age 17. Over 75% of the world population is contained in low and middle income countries with total fertility rates in the 4.0 to 7.0 range. For example, in an Africa of 93 million child bearable women and a birth rate of 47/1000, 19 million children were born in

1975. With a birth rate of only 25/1000, 42 million will be born in 2025 as there will be 430 million reproductive-age women. If you think this is a bit much, pause to consider the inevitable - a recent survey reported that 8 out of 10 adult Tunisians did not know a single method of contraception.

But is this problem real? Is it serious? What associated symptoms are evident, and what are their implications?

SYMPTOMS

We often overlook the symptoms of population pressure. A recent AP article stated that on any given night in America 735,000 people are homeless. While male alcoholics and mental patients make up the largest portion of the homeless, the fastest growing group is made up of children under 18: over 100,000 a night, NOT including runaways, throwaways, or abandoned children. Among other causes the study cited the policies of state mental hospitals, rehabilitation facilities, and jails and prisons that admit fewer and free more previously held. In Tennessee, prison and jail crowding has prompted releasing criminals back into society. In Virginia, a state law that called for sterilizing mental patients was recently repealed.

Population growth is even supported and encouraged by various means. Our dependent tax deduction actually subsidizes additional children. (Sixty-one other countries also offer rewards to those having children.) As recently as 1965 Connecticut had laws making it illegal for druggists or doctors to dispense contraceptives. A recent Knoxville news article said that health organizations and schools are so scared of offending someone they won't even say the 'C' word: (condom)! Eventhough more teenage girls drop out of school because of pregnancy than any other reason, sex-education is not taught consistently in school or at home. On p. 932 the revelators say many modern parents strive to keep their children ignorant as to the origin of human life. And religious taboos of birth control are beyond the scope of this paper.

In a book about problems in the USA, a noted author and educator stated that nobody planned that social welfare would reinforce and increase the problems it was established to eliminate. No one planned the population explosion that resulted as a side effect of improved medicine and chemistry. No one realized that the ultimate outcome of our abundance would be a state of affluent poverty. The key here is that NO ONE PLANNED.

A recent anti-abortion demonstration in Atlanta only served to accentuate the problem of 3,000,000 unwanted babies a year in America, about half of which are aborted. Attacks on the Planned Parenthood Federation also underscore the rising problem of an uncontrolled populace. While accused of trying to create a master race and eliminate undesirables from society, this organization claims to give people the means to voluntarily plan childbirth and protect their reproductive health. A documentary on USA population reported that children of single parent families constitute the fastest growing group of children in the USA. The URANTIA Book says that marriage is the mother of all human institutions, family the master civilizer, and home the crowning glory of evolution, pp. 913, 939, 943. But this group is without the first and only has half the second. Planned parenthood is being blamed for helping underclass, poor, minority women because they are allegedly trying to clean up the gene pool.

A CBS news broadcast revealed the problem in America. They called it a population explosion. Nearly 350,000 crack-babies will be born in the USA this year. Their mothers, hooked on cocaine or crack, and unable or unwilling to care for them, are dumping these tiny addicts on the social systems of our country in overwhelming numbers. One social worker, calling them tomorrow's delinquents, predicted this group would overburden every social system they came in contact with in their life, so great were there numbers and so great their need for special care. Most, permanently affected by the drugs their mothers took, are slow or retarded and unable to reach normal potential. Many, due to the IV needle use and sex practices of their mothers, carry the HIV virus. A

grandmother, interviewed while caring for a crack-grandchild her daughter had dumped on her, said: "She could have aborted this baby. It didn't have to become a burden on society." The mother, found standing on a corner, tears running down one cheek, said she just couldn't care for the child. She was back on crack, back on the street, and pregnant again!

Though this is not a paper on eugenics, it is inseparable from a paper on population. There are over 70 passages in The URANTIA Book on the subject, and the recurring theme is that many of this planet's more pressing problems have been created and perpetuated by our failure to remove the defective and degenerate strains from the world's gene pool. It speaks of our errors of judgement on p. 794. "The survival of large numbers of defectives and degenerates is not because they have any natural right thus to encumber twentieth century civilization, but because the society of the age, the mores, thus decrees." It goes on to say: "Society cannot offer equal rights to all, but it can promise to administer the varying rights of each with fairness and equity." So our dilemma is understood; our attitudes predicted upon the history of the idealism of evolved religion. But now we have a revealed religion, and we may already have help in doing that which we have not been able to do alone.

Some think this problem of eugenics is the single most pressing social issue addressed in The URANTIA Book. Perhaps in a few years we will know more about this strange and elusive disease of AIDS. Perhaps then we will understand the passage on p. 1207, "...the supervising personalities of Satania look with favor upon the proposals of some of your more immediate planetary supervisors who advocate the inauguration of measures designed to foster and conserve the higher spiritual types of the Urantia races."

A recent CNN report stated that despite unprecedented health campaigns, AIDS was now being transmitted heterosexually among the people of the underdeveloped countries (like Haiti and several African states). It said the disease was everywhere among these populations, and very likely would be as decimating as the medieval scourges of plague and smallpox. But, where these were carried out over years, AIDS would be carried out over decades and generations. Worldwide, AIDS seems to strike most at the poor, the undereducated, and the crowded.

POLLUTION

Poisoned people are not the only symptoms of overpopulation; poisoned environment is also becoming more evident. When I was there in 1977, the western slope of Mt. Mitchell, in North Carolina, was beautiful and fully covered with healthy looking trees. Today, what trees still stand there are dead or dying. Aluminum deposits have been found among dying evergreens of The Smokey Mountains, indicating that acid has leached it from the soil. In Sweden lakes are being doused with massive quantities of antacids to try and save them. Woods Lake, in NY, was inhabited by only 2 swallows and 2 bullfrogs at a 1936 count.

In Germany, where population density is even more pronounced and forests more precious, trees are color marked dying and dead. The number of blue and red marked trees has the people of this country saddened and scared. The very nature of technology and progress has turned their daily walk into an inspection tour of the tainted fruits of modern society. They must preserve their forests to maintain the ecology of their land, but their autobahns cut through the Schwartzwald and carry nitrous and sulfuric oxide emitting symbols of personal freedom and status at over 100 mph. One German mother remarked to me, "What about our children, and their children? They will have no trees to walk among!"

The pollution problem is not limited to these areas, however, and it is made up of more than dying trees, acid rain, and dead lakes. It is everywhere, in greater quantities, everyday. In the USA we are taking fresh water out of the ground twice as fast as natural processes are replacing it, steadily diminishing our irreplaceable clean water supply. Just last month all shellfish from Puget Sound were withdrawn from stores as they were found contaminated. Fish caught off the coast of LA exhibit tumors and toxins. A Lake near my home has signs

warning fishermen not to eat their catch. A Boston legislator recently discovered the muck he was cleaning from his jogging shoes was human excrement from Boston Bay. The total amount of garbage, waste, toxins, contaminants and industrial fluids pumped into our streams, lakes, rivers and oceans is incredible: a billion gallons of effluent daily from Boston alone. Yet most people think nothing of wasting five gallons of clean water every time they flush.

Barges of garbage with destination your back yard sail perilously on. Bags of needles and diseased blood float up on the shore of New York. Dolphins by the hundreds wash up on the Atlantic coast, victims of some strange waterborne disease. The waters surrounding Tahiti are inhabited only by brittle starfish, a sure sign of pollution, as their island, denuded of forest by energy starved natives, washes into the sea. Children of Naples swim among garbage in the surf. Radioactive waste, mercury, thermal pollution, ozone holes, ozone clouds, smog, the greenhouse effect, disappearing forests, melting statues, CO₂, PCB, NO₂, SO₂, H₂SO₄, HNO₃, etc, etc, etc. And more comes with every additional person. One researcher said it looked like a gigantic experiment to poison one hemisphere and see what happened.

Over 50 tons of rubber are laid down on the streets of Los Angeles every day. China plans to double its production of coal in the next 15 years. Urban planners have predicted the first national traffic grid-lock sometime in the early twenty-first century. In 15 years the Amazon rain forest may be gone. The isolated tribes of inner Borneo are no longer isolated, and the Orangutans are scrambling to find a tree they are not cutting today. And the chainsaws cut continuously.

HUNGER

World hunger is another measure of the effect of population dynamics. Although some would say it's only a matter of distribution, the evidence shows otherwise. One-third of the world's population consumes two-thirds of the food production. Of the current estimated 30 million ton average growth in world grain output, 22 million tons are absorbed by population growth and 8 million by rising per capita incomes (leading to rising per capita demand and consumption). Per capita consumption will double by the year 2000. It has been stated that if all the food in the world were distributed equally, everyone would be malnourished.

The world demand for food, expanded by both population growth and rising affluence, is outstripping world food production, resulting in a drawing down of world food reserves, an increase of world food prices and a growing instability in the world food economy. The Green Revolution of the early 1970's has not prevented most of the world's food problems as predicted. Recent droughts indicate just how precarious the situation might become with extended changes in the weather. The haunting television views of starving refugees: children with bellies swollen from Kwashiorkor. The extremely poor of the world are growing, and they are hungry. Seven million orphans in Brazil; 1.2 million refugees in the Sudan. Countless homeless and penniless in Bangladesh. Satiated animals that walk among the starving of Calcutta.

WAR

Another sign of overpopulation is war. An American Senator recently stated that there were 36 wars raging on the surface of our planet. From the concept of 'lebensraum' to the holy jihad, modern era people have been fighting to take over land for expansion of their country. The URANTIA Book says that multiplication of numbers beyond the optimum of the normal land-man ratio means either a lowering of the standard of living or immediate expansion of territorial boundaries, p. 908. On p. 769-70 it says that during periods of land scarcity and associated overpopulation, human life becomes comparatively cheapened so that war, famine, and pestilence are regarded with less concern.

This reminds me of the government of Ethiopia, which recently let perishable foodstuffs sit on their docks and rot, while they transported tons of concrete and steel to their cities to build statues for a government anniversary ceremony. They are not concerned with their dying millions. Wars of attrition are fought to reduce population and increase the pocketbooks of the weapon makers. Government red tape consistently slows down aid shipments to ravaged areas and millions die in the meantime.

We now have enough nuclear warheads stockpiled to kill everyone in the world three times: 15 tons of TNT explosive power for every person on the planet. But most of the undeveloped countries of the world do not YET have the bomb. Can we expect this segment of three-quarters of the world's population to quietly stand in ever lengthening bread lines until they slowly sink into oblivion, while the rich one quarter of the world fights for a parking place at the super-market?

AFFLUENCE - CONSUMPTION

Not too many years ago a telephone, television, and family car were luxury items. I remember crowds of people flocking to our house to watch those first fuzzy pictures on the little screen. To get to the phone was tough with all the clamour to talk. A Sunday afternoon drive with the family was a joyous affair. Today, people look at you like you are crazy if you don't have a phone. I don't know anyone without a TV, and a drive can be a nerve wracking experience. I am down to three TV's and two phones, but I have a VCR, computer with disk drive and printer, 3 radios, and a complete stereo with cassette, reel-to-reel, and two turntables. I plan to add a compact disc player or DAT. I have two cars and numerous appliances. The wife wants to add a swimming pool. There are only three of us.

Between 1944 and 1984, the population of the USA increased 72%. In the same time period the energy consumption increased 2400%. Much of the world has just been brought out of the uncivilized stage by modern medicine and technology. Through the use of pesticides, herbicides and antibiotics, we have saved untold millions. We have convinced those that wandered to settle in one place, dig a well, and plant crops. We have dressed them in funny clothes, given them mirrors and combs and books, and we have tried to teach them our way. We have even now given them a community TV. I have seen crowds of them intently watching a little TV sitting on top of a post in the center of the village by the well. I wonder when they will get their first phone?

CARRYING CAPACITY

The last evidence of overpopulation to be addressed is carrying capacity. When a closed population reaches the carrying capacity of its environment, the population is supposed to stabilize to equilibrium. However, if the carrying capacity is exceeded, the population can drop dramatically to a much lower sustainable level or even extinction. Changes in the environment can alter this carrying capacity: toxic wastes, pollution, temperature, food, etc. Certain things like fertilizers can increase the carrying capacity temporarily, although their side effects can be disastrous if uncontrolled. Chemical runoff from farms and industry is ruining much of our water and land. An October report by the Wilderness Society states that nearly all of their 445 refuges where birds, fish, and wild animals are supposed to be protected from the ravages of mankind, are damaged or blighted by toxic chemicals, pesticides, water diversion, wetlands drainage, oil drilling, off-road vehicles, and other human incursions. They are using shotguns and explosives to scare away migratory birds for their own sake.

If the carrying capacity is being lowered while the growth rate is at its highest the results could be disastrous. The growth of population is exponential, not arithmetic, and the curve on the graph is now pointed straight up. On p. 770-71 The URANTIA Book says that from a world standpoint,

overpopulation has never been a serious problem in the past, but if war is lessened and science increasingly controls human diseases, it may become a serious problem in the near future. At this time the greatest test of human wisdom of world leadership will present itself. Will Earth rulers have the insight and courage to foster the reproduction of the average, stabilized human instead of the extremes of supernormal and increasing groups of subnormal?

CONCLUSIONS

Overpopulation is a fact. Japan's 123 million are already planning to build concrete islands in the ocean. Immigration laws are becoming more strict in developed countries as the haves warily eye the have-nots trying desperately to get away from their dilemma and into ours. The underdeveloped countries birth rate is still high, but we have helped them cut their death rate without the accompanying benefit of means to sustain their increased numbers. The environment is steadily being raped, plundered, and poisoned to the point that portions of it may take years to recover if at all. Yet the population is still growing. If we fail to control the growth and ultimate stabilization of the world's population, our planet will be decimated. The quality of life will fall to an intollerable sub-human level, and the job will be done for us enevitably by another force such as war, disease, or extinction.

On p. 770 it says: "When the land yield is reduced or the population increased the inevitable struggle is renewed; the very worst traits of human nature are brought to the surface." It explains that, "... when standards of living become too complicated or too highly luxurious, they speedily become suicidal." On p. 907-8, they state that although increase in number up to a point is needed for the full realization of national destiny, there comes a time in population increase where further growth is suicidal.

SOLUTIONS

So what is the answer? What can we do to help ourselves? We are also instructed in this case by the revelators. "The improvement of the land yield, the extension of the mechanical arts, and the REDUCTION OF THE POPULATION (emphasis mine) all tend to foster the development of the better side of human nature" p. 770. The optimum stabilization of national population enhances culture and prevents war. But a nation cannot progress if the intelligence of its people decline. Wisdom, indispensable to true culture, can only be secured through experience by innately intelligent people. A wise nation knows when to stop growing. p. 908. The world is our nation. Will we also become wise?

One renowned educator has stated that the only successful way out of the present crisis is to break through to a new and more advanced civilization. What confronts us now is not a problem of energy, population, or pollution. The symptoms appear in the environment but the disease is human behavior, motivated by false notions of growth and progress.

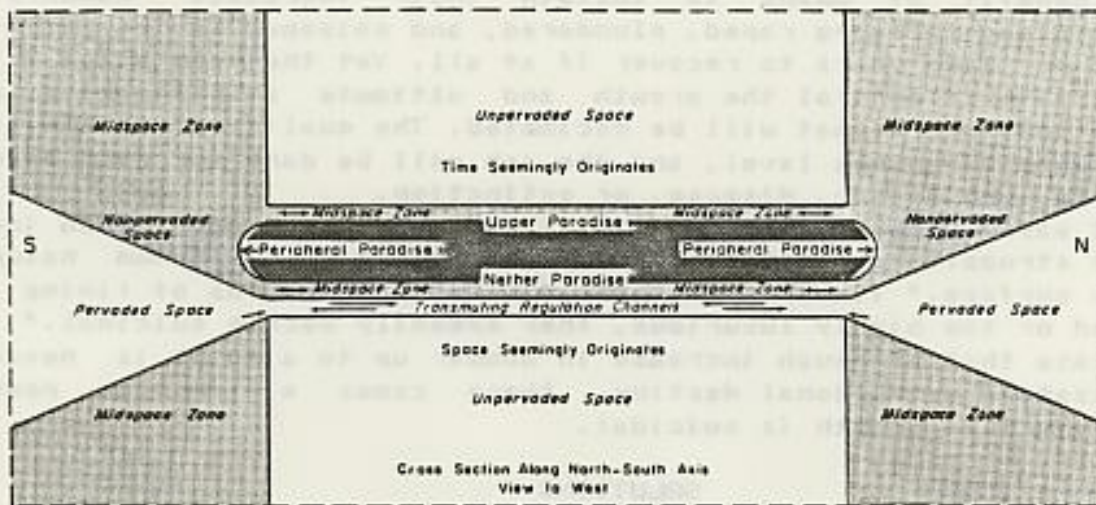
There are only two ways to stop the growth of population: decrease the birth rate or increase the death rate. Either we make the choice or the choice will be made for us. The resources of the world are finite. The environment is not completely resilient to the abusive actions of careless humans. The carrying capacity of specific areas has already been exceeded and there are signs of its lowering worldwide. The rate of consumption is rising. The rate of pollution is rising. Degeneracy is rising. Population is rising.

There are only two ways to stop the growth of population.

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SOME URANTIA BOOK COSMOLOGY

Prepared by
Terry Faulkner and Richard Yarnell



PARADISE

The following illustrations are our graphic interpretations of The Urantia Book descriptions of space respiration, Paradise, Havona and the Grand and Master universes. Eventually, we hope to illustrate the cosmology of our Superuniverse, Orvonton, down to the planetary level.

Please note that lines in the following illustrations represent boundaries which are probably zones of transition without strict linear demarcations.

The illustration of the Seven Sacred Worlds of the Father (Figure 4b) symbolizes a particular eternal reality of each individual world.

All quotations within these papers unless otherwise indicated are from The Urantia Book. The views and illustrations expressed herein are based wholly upon the preparers' understanding of The Urantia Book text concerning the subject matter presented.

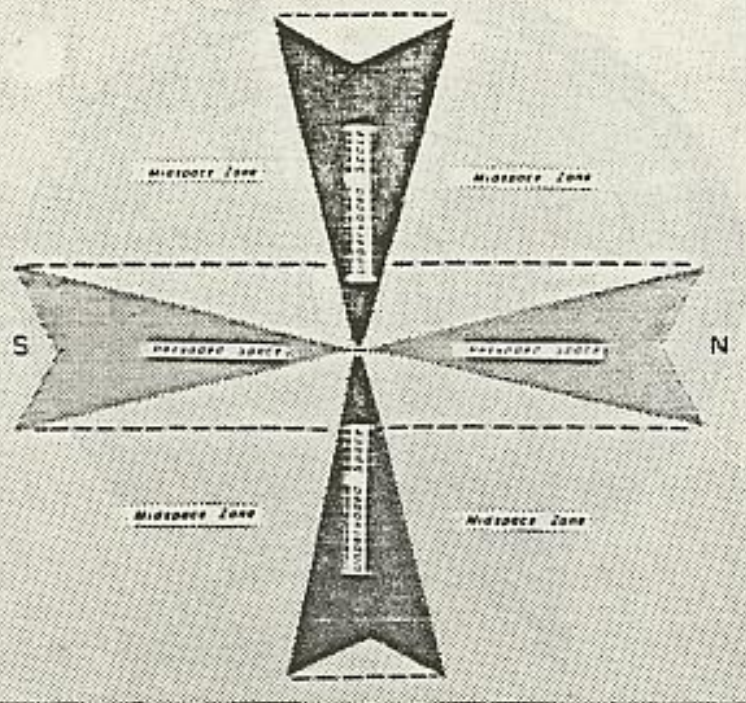
Our sincere thanks to Helen Hutchinson, Bob French and Frank Wright for their assistance and encouragement in preparing these papers and to all the other members of the Fort Sander's Faith Sons, Knoxville, TN, for their loving support.

Excerpts from these papers may be fully used without permission of the preparers with the acknowledgement of the source of the materials. We hope that these illustrations will help Urantia Book readers in their study and contemplation of the cosmos.

We invite comments and correspondence. When suggestions or comments pertain to Urantia Book text, please reference page and paragraph (ex. Page 169.1). Address correspondence to Terry Faulkner, 4178 Ridgeway Lane, Knoxville, TN 37919.

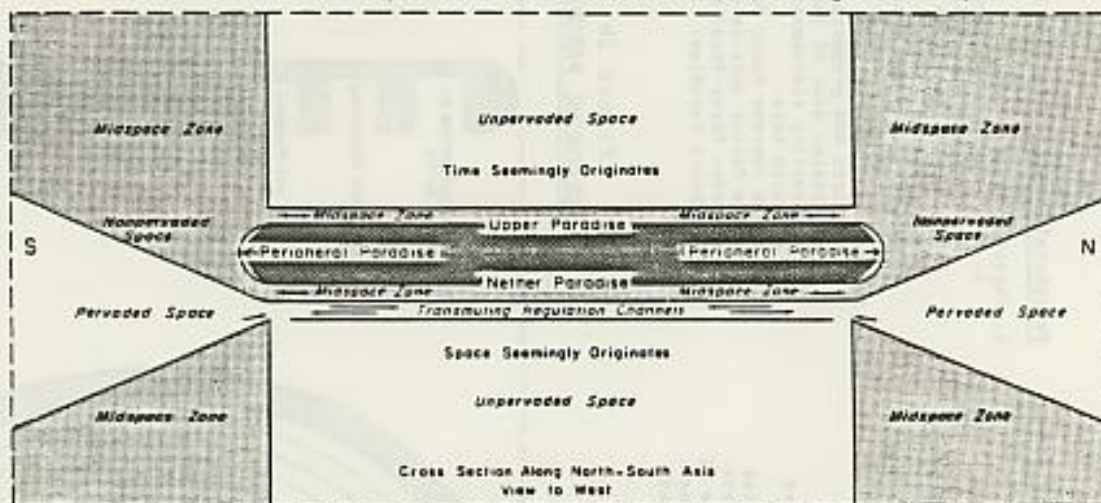
Vertical Cross Section of Total Space
North-South Axis, View to West

Paper 11 (Pages 123-124)



--- Delineates Western Extent of Pervaded and Unpervaded Space

1. Space is a Paradise bestoval.
2. All space alternately expands and contracts.
 - A. "Outer limits of both space extensions are presently about equidistant from Paradise."
 - B. Expansion-contraction phases of space respiration last 2 billion years Urantia time (expands 1 billion, contracts 1 billion).
3. Unpervaded (vertical reservoir) space is "unpervaded by those forces, energies, powers and presences known to exist in pervaded space."
 - A. Seems to counterbalance space expansion-contraction cycles.
 - B. Unpervaded space is nearing mid-point of contracting phase.
4. "Pervaded (horizontal, universe) space is pervaded by forces, energies, powers and presences" (Havona, Grand and Master Universes).
 - A. It is believed that all horizontal space is pervaded by the ancestral space potency of the Unqualified Absolute.
 - B. Pervaded space is now approaching midpoint of expanding phase.
5. Confluence of unpervaded and pervaded space is underneath Nether Paradise in Transmuting Regulation Channels. (See Figure 2) Changes are wrought here to make pervaded space unpervaded and vice versa.
6. Midspace Zones
 - A. These quiescent zones separate pervaded and unpervaded space.
 - B. This zone eventually completely encapsulates all space.

Figure 2
Vertical Cross Section of Paradise and Adjacent Space

PARADISE

Paper 11 (Pages 118-127)

Paradise, physical description.

- A. Most gigantic organized body of cosmic reality in all of the Master Universe.
 - (1) Substance of Paradise is a unique homogeneous organization of space potency (called "absolutum" in Nebadon).
 - (2) Paradise "absolutum" is the original nonspiritual expression of God.
- B. Paradise is ellipsoid, 1/6 longer in north-south diameter than east-west diameter.
- C. Paradise is essentially flat. The distance from Upper Paradise to Nether surface is 1/10 that of east-west diameter.
- D. Is motionless.
 - (1) Combination of above characteristics (B,C,D) plus greater out-pressure of force energy at north end of Isle establishes absolute direction in the Master Universe.

2. Geography

A. Paradise location

- (1) Is eternal geographic center of infinity
- (2) Is motionless nucleus of midspace zones which exist between unpervaded and pervaded space.
 - (a) Space does not touch any surface of Paradise.
 - (b) Because "time cones by virtue of motion" Paradise is the only truly nontemporal place.
- (3) Paradise is contiguous to nonpervaded space. (Nonpervaded space is a location within microne contiguous to the periphery of Paradise (our interpretation).

3. Paradise is geographically divided by activities.

- A. Upper Paradise (personality activities) Trinity dominates.
- B. Periphery Paradise (activities that are not strictly personal or nonpersonal).
- C. Nether Paradise (innerpersonal activities) Unqualified absolute dominates. (See Figure 3)

Uniqueness of Paradise

- A. The realm of final origin and final goal of desire for all spirit personalities.
- B. Paradise is eternal and exclusive existence.
- C. Paradise is the "absolute of patterns."
 1. Is pattern for universe headquarters worlds.
- D. Paradise is the Father's revelation of the "infinity of his nonpersonal self."
- E. Paradise is the center and focal point of absolute material gravity.

PARADISE

Nether Paradise (Figure 3c)

1. Personalities do not sojourn here: only that is revealed is known.
2. All physical-energy and cosmic-force circuits have origin here.
3. Divided into three areas.
 - A. Zone of Infinity; directly underneath Trinity- is unknown and unrevealed. (1) on Figure 3c.
 - B. Unnamed Area; not described. (2) on Figure 3c.
 - C. Force Center (Outer Area), three concentric zones. (3)
 - (1) Inner Zone (3A)
 - (a) This force center acts as a gigantic heart pulsing basic form of force-energy to outermost physical space.
 - (b) This "mother force of space" seems to flow out at north and in at south through unknown circulatory system.
 - (2) Mid-Zone (3B)
 - (a) Appears static, but expands and contracts through three cycles of activity
 1. Least pulsations in east-west direction \leftrightarrow
 2. next in north-south \leftrightarrow
 3. Greatest fluctuation is in every direction \curvearrowright
 - (b) Function appears to be reciprocal adjustment between inner and outer zones of force center.
 - (c) Is believed that mid-zone is control mechanism of midspace zones which separate successive levels of Master Universe.
 - (3) Outer Zone (3C) Paradise center of space presence of Unqualified Absolute.
 - (a) Largest and most active zone.
 - (b) Central circuit point of emanations which proceed spaceward in all directions for 1 billion years and then inward for 1 billion years Urantia time.
 - (c) Emanations are synchronized with 2 Billion year expansion-contraction cycles of space respiration. (See also Paper 42, pages 467-471)

Upper Paradise, Three Grand Spheres of Activity (Figure 3a)

1. Abiding place of the Universal Father is at center of Upper Paradise.
2. Immediately surrounding the Father is the personal presence of the Eternal Son.
3. Surrounding the Father and Son is the personal presence of the Infinite Spirit.
4. Most Holy Sphere
 - A. "Reserved for functions of worship, trinitization and high spiritual attainment."
 - B. Holy Area (residential region)
 - (1) "Father's Paradise Mansions" are Seven concentric zones.
 - (a) Zone 1 occupied by Paradise citizens and Havona natives.
 - (b) Zone 2 is residential area of natives of 7 superuniverses.
 - (c) Zone 3-7 are not described.

Peripheral Paradise (Figure 3b)

1. Physical description
 - A. Is so enormous in size peripheral terminal angle is relatively "indiscernable within any circumscribed area."
 - B. Nonpermeated space nearly impinges on Periphery Paradise (see Figure 2)
2. Activities
 - A. Historic and prophetic exhibit areas of Creator Sons of local Universes.
 - B. Personality transports land and dispatch here.
 - C. Seven Supreme Power Directors of Seven Master Spirits indicate location of seven force-focal headquarters on Periphery Paradise.

Figure 3a
UPPER PARADISE

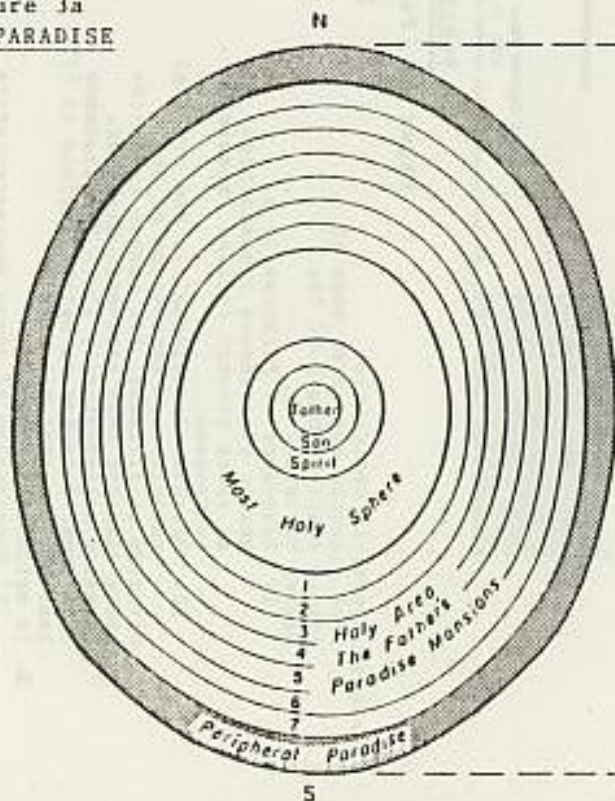
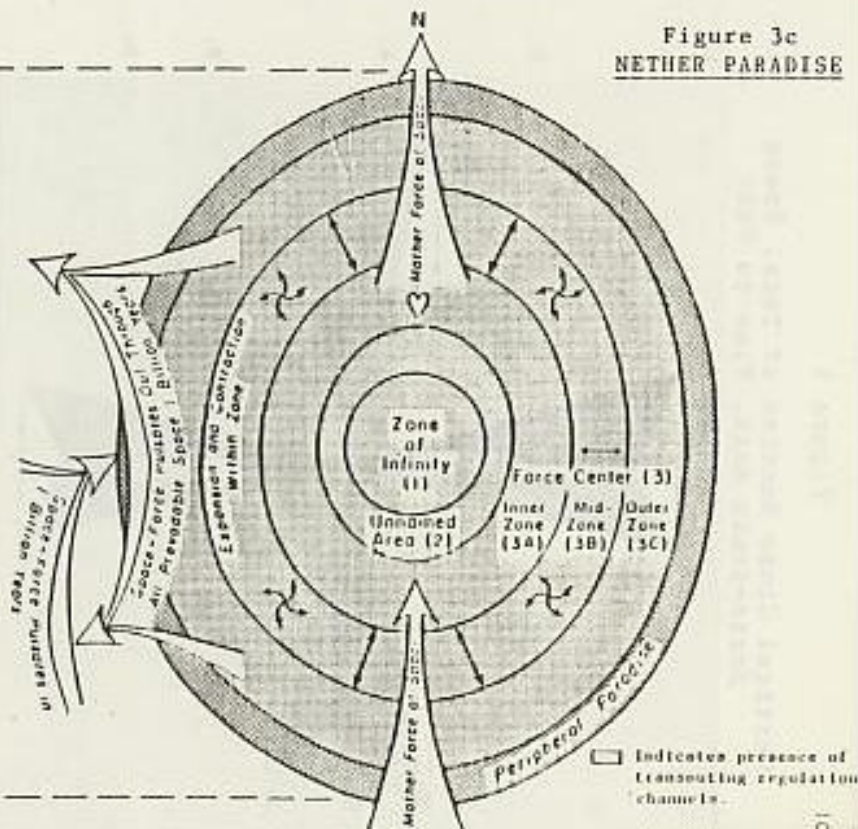


Figure 3b
PERIPHERAL PARADISE



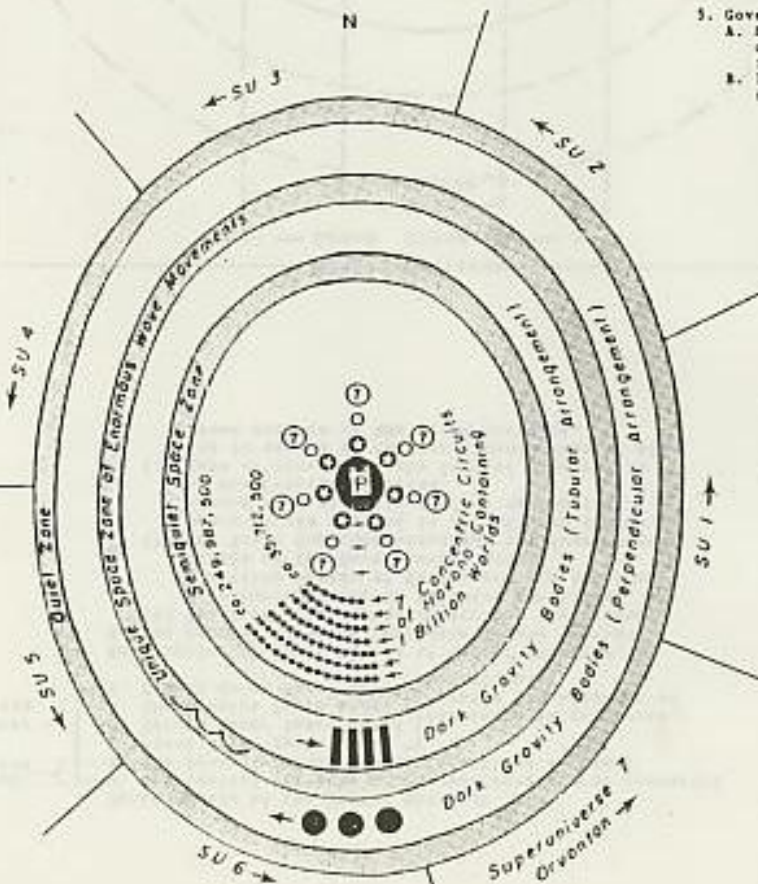
Figure 3c
NETHER PARADISE



1. Creation of Paradise-Havona Central Universe. (See also Foreword, Pages 1-3)
 - A. Creation of Paradise-Havona was in universal reality simultaneous.
 - B. These simultaneous events (to facilitate understanding) are presented to time-space creatures sequentially as follows:
 - (1) The "I Am" achieves deity liberation from Unqualified Infatuity by exercise of free will.
 - (2) Achieves realization of personality by becoming Eternal Father of the Original Son simultaneously Sacching the Eternal Source of the Isle of Paradise.
 - (3) Coexistent with the above action there appeared the person of the Infinite Spirit and the creation of Havona.
 - (4) Thus the Eternal Father, the Eternal Son, the Infinite Spirit, Paradise and Havona are co-eternal existences-- non-beginning and non-ending.
2. Material of Havona.
 - A. Consists of 1000 basic chemical elements.
 - B. Seven forms of energy manifest 7 phases of excitation.
 - C. Spheres of Havona are of "tristate" physical construction.
 - D. Mass content of Central Universe exceeds total mass of all 7 sectors of Grand Universe.

Figure 4a

Plan View of Havona (Central Universe) and Innermost Margins of 7 Superuniverses.



3. Description of Havona (see Figure 4a)
 - A. Spiritually perfect and physically stable, eternal nucleus of Master Universe.
 - B. 7 Superuniverses and all regions of outer space revolve in established orbits around Central Universe.
 - C. Isle of Paradise is stationary center of Central Universe.
 - D. 21 satellites (7 in each of 3 circuits) surround Paradise; 7 Worlds of the Universal Father, 7 Worlds of the Eternal Son, 7 Worlds of the Infinite Spirit.
 - E. 7 Havona circuits of 1 billion worlds surround these 21 satellites (each circuit is pervaded by a specialized representation of the Infinite Spirit).
 - F. Innermost (first) semiquiet space zone separates the 7 Havona circuits from dark gravity bodies.
 - G. Innermost (first) belt of unique dark gravity bodies revolves counterclockwise.
 - H. Second unique space zone.
 - I. Second belt of unique dark gravity bodies revolving clockwise. Both zones of gravity bodies are gravity balancing bodies of Central Universe. They are nonreactive to physical energy light.
 - J. Third space zone (semiquiet zone) separates outer belt of dark gravity bodies from 7 Superuniverses.
4. Creatures of Central Universe.
 - A. Seven basic life groups: (1) material (2) morontial (3) spiritual (4) Absonite (5) Ultimate (6) Co-absolute (7) Absolute.
 - B. Havona natives are all off-spring of the Paradise Trinity and have no beginning and no ending in time.
 - C. Havona natives possess 49 specialized forms of sensation.
 - D. Havona natives have never transgressed the will of God.
5. Government
 - A. Havona has none; requires only administrative direction-- is chiefly planetary and is vested in the Ancient of Days.
 - B. In every requirement of Havona there is disclosed the reason of righteousness and the rule of justice.

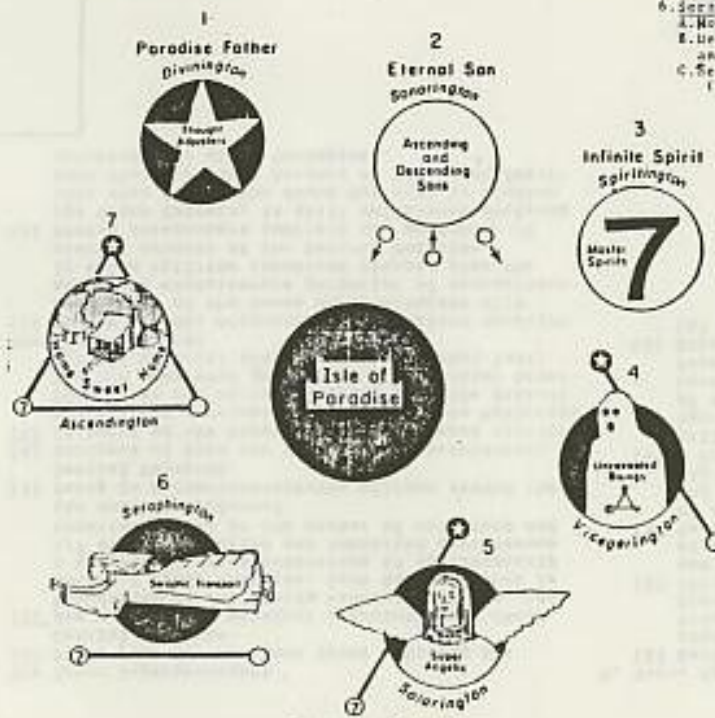


Figure 4b

Seven Sacred Worlds of the Father

○● = Father-Son
 ○★ = Father-Infinite Spirit
 ○△ = Father-Son and Spirit

1. Divinington "Bosom of the Father"
 - A. Home of Thought Adjusters
 - B. These render a special manifestation of the Father's supremacy.
 - C. Only Thought Adjusters and personalities and other beings of direct and exclusive origin in the Universal Father fraternize and function here.
- C. Secrets of Divinington
 - (1) Secret of bestowal and mission of Thought Adjusters
 - (2) Nature, purpose and activities of other forms of Father fragments, of Gravity messengers and other unrevealed beings.
2. Sonarington "Bosom of the Son"
 - A. Personal receiving worlds of Eternal Son
 - B. Headquarters of descending and ascending Sons of God after they are fully accredited and approved.
- C. Secret of Sonarington
 - (1) Incarnation of Divine Sons.
3. Spiritington "Bosom of the Spirit"
 - A. Home of beings that exclusively represent the Infinite Spirit (Seven Master Spirits and certain of their offspring).
 - B. Secret of reflectivity
- A. Vicegerington "Bosom of the Father and Son"
 - A. Home of unrevealed beings who take origin by acts of Father and Son.
 - B. Secret of Vicegerington
 - (1) Of Incarnation
 - (2) This constitutes the secret of authority to represent the Trinity.
5. Soliarington "Bosom of the Father and Spirit"
 - A. Home of unrevealed beings of origin in conjoint acts of Father and Infinite Spirit.
 - B. Home of Solitary Messengers and other personalities of superangelic orders.
 - C. Status sphere of Universe Power Directors.
 - D. Secrets of Soliarington
 - (1) Of Incarnation
 - (2) Of the personal relation of the Infinite Spirit with certain higher offspring of the Third Source and Center.
6. Seraphington "Bosom of Son and Spirit"
 - A. Home of unusual beings created by Son and Spirit.
 - B. Status sphere of all ministering orders of angelic hosts.
 - C. Secrets
 - (1) Mystery of seraphic transport
7. Ascendington "Bosom of Father, Son and Spirit"
 - A. Home of ascendant creatures of special-receiving sphere of pilgrims of time passing through Havona on way to Paradise.
 - B. Secret
 - (1) Mystery of the gradual and certain building up in the material and mortal mire of a spiritual and potentially immortal counterpart of character and identity.
 - (2) Knowledge of this secret will be experienced by human order of existence only.

SEVEN SACRED WORLDS OF THE SON

Paper 13 (Pages 141, 149)

1. Worlds of the seven phases of pure spirit existence.
2. Source of threefold light of Paradise and Havona
3. Directly pure spirit luminosity to seven Superuniverses.
4. Personalities not present, but worlds team with other than personal life of beings of the Eternal Son.
5. No personal beings may sojourn here.

SEVEN WORLDS OF THE INFINITE SPIRIT

Paper 13 (Pages 141, 149, 150)

1. Worlds inhabited by trinitized sons of glorified creator personalities.
2. Executive spheres of Seven Master Spirits
 - A. Each Master Spirit presides over one world (and one Superuniverse).
 - B. Master Spirits operate here to equalize cosmic mind circuits of Grand Universe.
 - C. Most varied activities involving largest number of different orders of beings in all Grand Universe.

1. Space levels of the Master Universe.
- Grand Universe --- A. The Central Universe of Havona (creation of eternity)
 - Master Universe --- B. The Seven Superuniverses (creations of time)
 - C. First Outer Space Level
 - D. Second Outer Space Level
 - E. Third Outer Space Level (destined to eventually evolve the ultimacy of creation)
 - F. Fourth Outer Space Level
2. Description of space levels of Master Universe.
- A. The Central Universe (Paradise-Havona system)
- (1) The Eternal Universe encircling the Eternal Isle includes the 21 Paradise satellites, the 1 billion worlds of Havona and the enormous masses of the dark gravity bodies.
 - (2) The Seven Superuniverses and the four Outer Space Levels revolve in established orbits around this gigantic central aggregation of the Central Universe.
 - (3) Mass of content of the Central Universe is far in excess of the total known mass of all seven sectors of the Grand Universe.

- B. The Seven Superuniverses
- (1) First post-Havona space level orbiting the Central Universe.
 - (2) Are not primary physical organizations, their boundaries do not divide nebular families, nor across a local universe. Each Superuniverse is a geographic space clustering of approximately 1/7 of the organized and inhabited post-Havona creation, equal in the number of universes and the space encompassed.
 - (3) Swing in a counterclockwise ellipse around the Central Universe.
 - (4) Ancients of Days are rulers of Superuniverses.
 - (5) Circuits of the Superuniverse; Presence circuits are (1) the personality gravity of the Universal Father (2) the spiritual gravity of the Eternal Son (3) the mind gravity of the Conjoint Actor (4) the material gravity of the Eternal Isle.
- C. The Grand Universe
- (1) Is the present organized and inhabited creation consisting of the Seven Superuniverses with aggregate evolutionary potential of approximately seven trillion inhabited planets plus the eternal spheres of the Central Universe.
 - (2) Uversa astronomers indicate the periphery of the Grand Universe is still unfinished implying that even though the Grand Universe is winding down that the outer borders of the Seven Superuniverses are still incomplete.

- D. Outer Space Levels
- (1) Each of these levels functions as an elliptical region of motion surrounded on all sides by relative motionlessness (not indicated in Figure 5a).
 - (2) They are unbelievably stupendous circuits of force and materializing energies--tremendous wheels of of emerging forces.
 - (3) In outer space there may be seen the different forms of nebulae, phases of primary universe evolution, and these vast energy wheel had the same origin as did those in the Seven Superuniverses.
 - (4) A Divine Counselor and One Without Name and Number tell us in Paper 11 that "in the universes of outer space ... we are able to identify the clustering of at least 70 thousand aggregations of matter, each of which is greater than any one of the present Superuniverses."
 - (5) Directional orbits of Outer Space Levels
 - (a) Based on the Paradise-Havona-Superuniverse pattern of alternating elliptical orbits around the Isle of Paradise, we surmise this alternating direction of orbits continues throughout the Outer Space Levels (note arrows on Figure 5a).

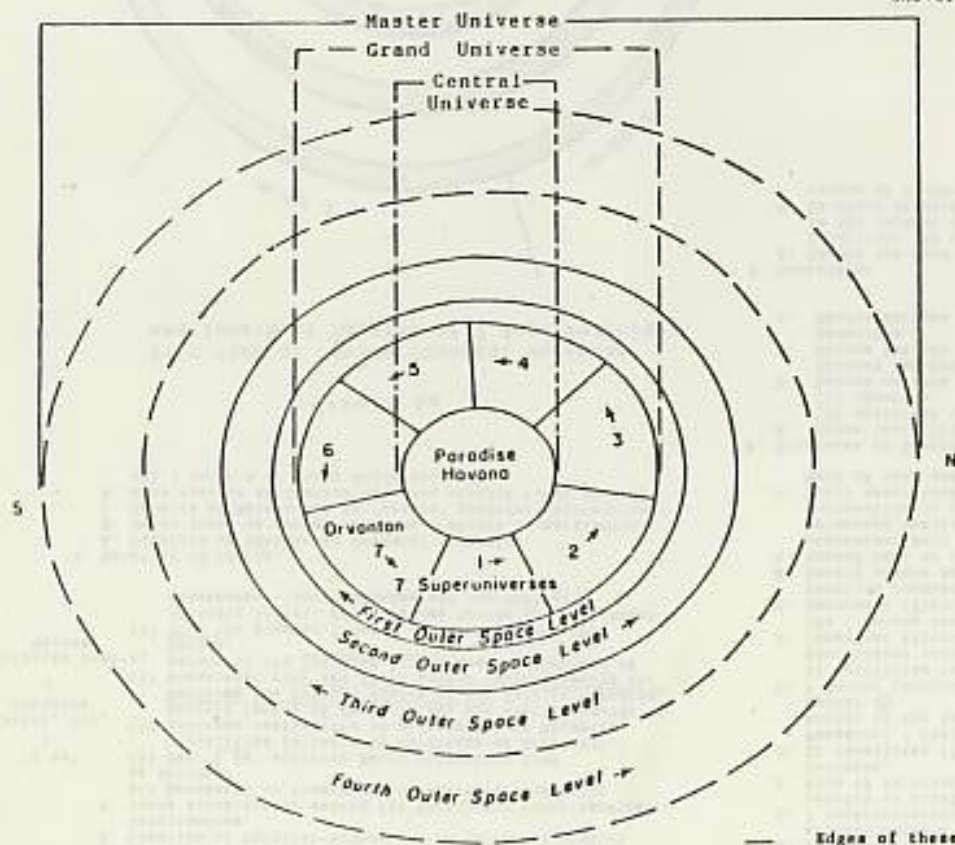


Figure 5a

PLAN VIEW OF MASTER UNIVERSE

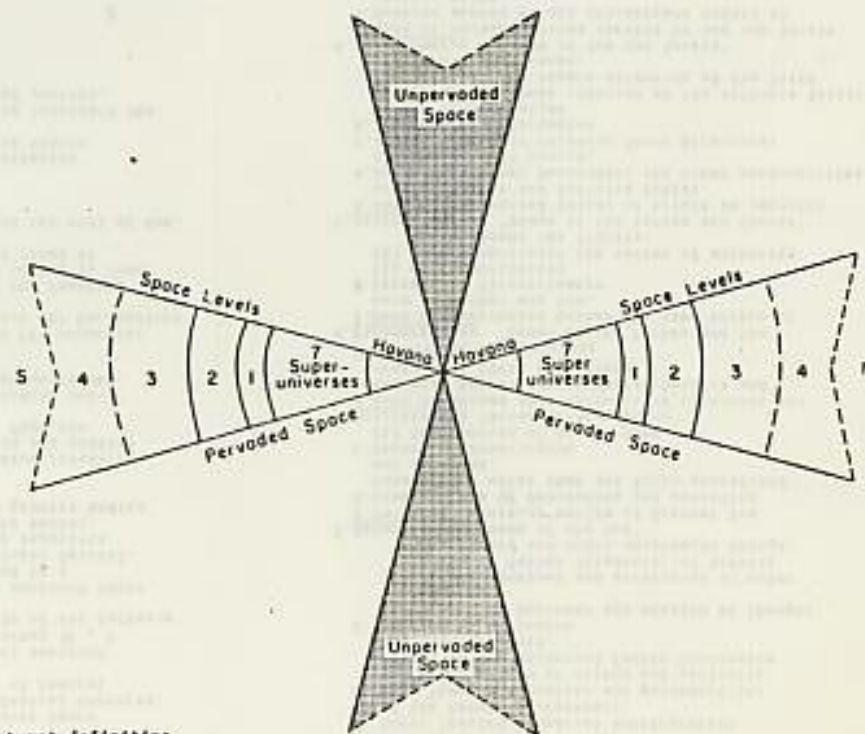


Figure 5b

CROSS SECTION OF MASTER UNIVERSE