

The Great Human Beings

by

Jiang Songbo and Jiang Wenjun

Translated by Li Haijun, Wang Mengzhong
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*This book is devoted to those warriors who
determine to change the fate of human beings!*

Human knowledge is as countless as brooks,
Thousands of them gather in this domain.
Provided you aren't free to swim in the sea of books,
Reading through this book won't be in vain.

The source Ci to the tune of Linjiangxian

The Great Human Beings

The distant space is boundless,
The vast heaven is in loneliness.
No cock crowing is heard in the Milky Way voiceless.
In the heaven there are no living things,
Only on the earth are seen human beings.

As masters human beings come into being,
And dominate in the universe everything.
The five continents touch hands for booming.
From now, let's lay down our swords,
And become sacred universal lords.

TEN SCIENTIFIC ARGUMENTS IN THIS BOOK

1. Sense is the life information into which calmodulin protein converts calcium in information. (Chapter 5)
2. Life's initiative determines evolution direction of organisms. (Chapter 5)
3. Human beings result from the gene mutation of primates. (Chapter 6)
4. Quantitative change of stem cells will cause aging of the human body. (Chapter 10)
5. Human beings can conquer aging to fulfill eternity of life. (Chapter 10)
6. Earthquake results from high-temperature air pressure of underground lava. (Chapter 12)
7. Typhoon and hurricane result from influence of deserts upon atmospheric motion. (Chapter 12)
8. Hertzian wave is a kind of electromagnetism quanta. (Chapter 12)
9. Universal gravitation is a kind of super velocity of light. (Chapter 12)
10. All substance elements in the universe and the formation of all galaxies originated from the function of universal gravitation. (Chapter 12)

PREFACE

Originally, the universe is a lifeless world. Life is also not an inevitable phenomenon in the universe. However, after finishing reading this popular science reading introducing the origin and development of life in the universe, you will know the secrets of human beings and life.

In recent years, the rising of Western science has promoted greatly the development of scientific culture of the human beings. In study of life, however, it emphasizes only the life substance DNA, ignoring the importance of life structure. In fact, DNA is only a component of life. A single-angle analysis instead of a comprehensive analysis can't make clear the basic natural principles of life for us. But the authors of this book reveal them for us. *The Great Human Beings*, written by the knowledgeable and comprehensively-analytic authors, covers many branches of science. It introduces the natural condition for life creation and the origin and development of life and human beings on the earth, and explains comprehensively life and human beings.

This book tells us that creation of life and human beings is not inevitable in the universe. Instead, it is the result of accidental combination of many universal factors to creation of life. It is a unique accident in the universe. The development from lifeless universal element to very complicated life and finally to human beings capable of understanding the world needs very demanding condition for celestial bodies in the universe. Not all celestial bodies can give birth to life and human beings. Even for the earth with so advantageous condition to creation of life and human beings, it took 4 billion years to develop from organic matter to human beings. How long the process is!

All things in the nature are very complex and delicate. You can't

see them clearly if you don't withdraw from them. This book was written by the authors who withdrew from the "circles" defined by different academic circles. It starts with introducing differences between different celestial bodies and the universal condition for creation of life and explains that creation of life and human beings on the earth is a unique accident in the universe. It explains for the first time the nature of organisms' sense ability; it discusses the origin of animals and the principle of creation of human beings on the earth; it makes a comprehensive generalization of the origin and development of human beings; it also points out: Human beings probably originated from the gene mutation of an ape; people all over the world probably originate from the same ancestor; along with the development of science, we human beings will become "supermen" who have high intelligence and whose life can be as eternal as the universe.

The authors also appeal that since intelligence frees us from ignorance, we should realize our greatness and begin to improve ourselves and the society; we should say good-bye to the barbaric age and stop social contradiction and war; we should develop human's spirit to a higher level.

The authors maintain that aging is a scientific difficulty whose reason can be found and which can be conquered. In the future, we should combine aging with physiology of the human body and pharmacology in anti-aging research. We should be ground-breaking and emphasize solving problems related to human's death so that we won't lose our lives so easily. The authors really hope that we can be eternal like the universe.

This book covers broad and new scientific knowledge. It introduces comprehensively the nature, life and human beings and is nearly a systematic summary of modern sciences. In my opinion, it is a sea of scientific knowledge. It tells us that the known scientific principles and modern sciences have already provided correct understanding of the nature. It also proposes that we can use the scientific culture to unify thoughts of all the people in this world so that we can form a united will and build the earth together, the only

planet in the universe on which life exists and human beings live, into a paradise for life. It shows us not only the way to solve social contradictions, but also the direction for social development. What a great age declaration it is! I feel beforehand that its birth and publication will indicate the coming of a great age. I believe that the new life blueprint designed for human's future by the authors will come true with the joint efforts of people all over the world.

This book combines natural science with social science and is highly condensed. It is profound in meaning, but concise and easy to understand in writing. It can enhance readers' understanding and benefit them a lot.

Guo Kai

INTRODUCTION

A Brave Idea

We human beings are now at the age of scientific civilization. It is the time for us to think about carefully whether we should develop according to the past way or another new way. Otherwise, we will miss the chance and regret in the future. Human beings are very special in the universe. Although the nature is colorful, only human beings can understand its existence. Without human beings, nobody will know the existence of the vast universe. Based on current scientific knowledge, this book proposes some new understanding about human's position in the universe and the creation and development of human beings. It maintains: There is probably only one Solar System in the Galactic System; the earth is probably the only planet which creates life; human beings are probably the only intelligent life capable of understanding the universe's existence. It also holds: Human beings are already at the age of scientific civilization. We should use the scientific culture to correct all old ideas which will lead to social contradiction and war and establish a new scientific civilization. Scientific civilization will connect intelligence of the whole society to form a joint force for social development and to turn the earth, the only planet on which life exists, into a holy land in the universe and the paradise in the world.

Throughout the world human beings are the most advanced life form. All social contradictions are caused by the primary concepts formed during social development and are the result of the age of undeveloped scientific culture. Along with the coming of age of scientific culture and our increasing understanding about the

nature and ourselves, we will surely understand our position in the universe and our greatness. Compared with the meaning of our existence, social conflicts are so insignificant. Men are born without any thoughts. We human beings developed from the uncivilized age and formed unconsciously many contradictory cultural thoughts. In order to eliminate these cultural differences which may bring war to the society, we should unify and reform cultural thoughts of the whole society with the scientific culture because it is not only the most advanced culture, but it also represents the most authentic and objective understanding about the nature and the society. In fact, people all over the world long for peace and development, which needs a new cultural thought to unify cultural thoughts of the whole society. We can establish a peaceful and good society only after we have unified human's will.

Firstly, we must realize that creation of life and human beings is not inevitable in the universe. Instead, it is the result of accidental combination of many universal factors beneficial to creation of life. Not all celestial bodies can give birth to life and human beings. Human beings are probably the only intelligent life in the universe. Human's greatness can also be shown by the intelligence created and accumulated by human society. We should think highly of the contribution to formation of human's intelligence made by people all over the world and through the ages. We should understand our position in the universe and our greatness and begin to improve social systems, solve all pending problems which people want to solve and avoid social contradiction and war. We should realize that all barbaric and backward thoughts of human beings were formed because of the influence of old cultures instead of being born naturally. Contemporary people with high intelligence and rationality should get rid of backward thoughts and develop human's intelligence and spirit to a higher level.

Human's intelligence is endless. If we can give up voluntarily social contradiction and use intelligence to build a good homeland on the earth instead of waging calamity-making war, we can form a great joint force to recover damaged ecology on the earth and re-

establish society's material and spiritual civilization. We can speed up development of science and technology, create more miracles and build the earth together, the only planet on which human beings can live, into a paradise in this world.

This book maintains that three things are the most important for human beings: peace and security, prosperity, longevity. Now, all people's efforts aim only at better life instead of longevity. This book proposes a very attractive idea: conquering aging to make human beings eternal as the universe. Aging threatens all members of the society, who are sentenced to death by the nature and will be executed by it sooner or later. However, this inescapable disaster for us can only be eliminated by ourselves, without help from any god or extraterritorial life. This book puts forward a brand-new theory of aging, by which we can conquer aging completely to fulfill eternity of life. Once society at large has attached enough importance to it, it can change the fate of human beings and make human beings enjoy freedom of survival time. The authors hold that we are meaningful only when we can achieve longevity. We should not be like animal, just a transitional thing for life development. We must conquer aging, a scientific difficulty which limits our survival freedom, to fulfill eternity of life. From now on, we should attach importance to and support the research for longevity and build the earth on which we live into a holy land in the universe and a scientific paradise in the world. At the same time, we, the only intelligent life in the universe, should become the Saints in the universe who can witness the eternal development of the universe.

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CHAPTER 1

Heaven and Earth

Every clear night when standing beside the river bank and look up at the starry sky, we'll feel that the universe is vast and mysterious. Many mythologies are related to the beautiful starry sky. In the universe, there are countless stars, among which some are luminous, others are non-luminous but can reflect luminance of other stars. In fact, the earth we live on is a non-luminous star in the universe. Although the so-called "Earth" is not the largest one, it is a very special celestial body in the universe on which all mythologies happen.

Whether a star is luminous or not is related to its size and weight. The bigger a star is, the stronger its gravitation, and the higher its inner pressure. As we know, when we compress air, it will give out heat. The same is true of other materials. When a star is big enough, the high pressure due to strong gravitation makes its inner material produce a very high temperature, which melts the material in the star and forms an intensively hot and luminous star body. Stars in the universe are different in size, some big, others small. If a star is as big as the sun, it will produce a high temperature which can even make the atomic nucleus become unstable. And the high temperature results in the nuclear fission of atomic nucleus of heavy elements, which gives out higher heat. Consequently, the star becomes a natural nuclear reactor and is more hot and luminous. In fact, many luminous stars are nothing but extremely big fireballs.

The earth is surrounded by a thick atmosphere, which, due to the shining of sunlight, gives out a thin blue light and seems like a blue sky. There is a layer of water around the surface of the earth.

Therefore, the earth from space looks just like a water ball. The saying that the water on the earth comes from planets is beyond belief, because geological research reveals that the oceans on the earth are as old as the earth, amounting to 5 billion years. The earth is appropriately big and heavy that there is no nuclear reaction in it and thus it can remain stable. Inside the earth, there is high pressure which results in a high temperature that melts the inner materials of the earth. However, under the surface of the earth, there is a rock crust of 30 kilometers formed by the cooling effect of the water around the earth. The molten rock inside the earth is contained by the rock crust. The high temperature makes the rocks with carbonate to split, which produces a lot of gas. Gas expands when heated and presses molten rocks. Liquid molten rocks produce high pressure and flow forcibly to the crust. As a result, the crust produces many upheavals which form lands, mountains and islands above the water level on the surface of the earth. The earth is in the orbit which keeps a proper distance from the sun, which provides the surface of the earth with a stable and warm temperature and thus a natural condition for the earth to form oceans and create human beings and other living creatures. There are great differences between different celestial bodies in the universe. Such natural condition as that of the earth is a must for creation of life. Therefore, although there are many celestial bodies in the universe, only those which are as big as the earth and which are in such a universal environment as that of the earth can create human beings and other lives.

1.1 Special Solar System

We know that the universe is vast and there are many star clusters in it. The earth we live on belongs to the Solar System in the galactic star clusters. The Solar System is located in the periphery of the Galactic System and surrounded by 8 planets, among which the earth is the third one.

The Solar System consists of nine planets orbiting around one star: the sun, which is more than one million times as big as the earth. The sun is appropriately big and heavy that its

gravitation can make the thick atmosphere around it produce a high temperature and pressure which can cause hydrogen element to start thermonuclear reaction. The helium in the atmosphere around the sun disperses the heat from thermonuclear reaction evenly to prevent it from explosion. The sun becomes a natural and constantly-active giant thermonuclear reactor. Thermonuclear reaction turns hydrogen into helium and results in high temperature at the same time which makes the atmosphere around the sun produce an intensively-hot blaze. Therefore, the sun, unlike new stars frequently appearing in the universe, can avoid nuclear explosion which will destroy it. The temperature inside the sun is even higher. It can make any element heavier than helium start nuclear fission, which turns nucleuses of all heavy elements scattering inside the sun into nucleuses of light elements, and finally into isotope of hydrogen. As a result, the inner part of the sun becomes a natural thermonuclear reactor, which provides not only thermonuclear reaction in the atmosphere around the sun with enough heat to keep it going, but also raw materials to make it proceed forever. Here it should be mentioned that gravitation of the sun is so strong that no nuclear radiation particle heavier than light quantum (including photon ray, electron ray, and neutron ray) can fly out of the sun. Therefore, living creatures on the earth are safe.

Due to high temperature inside the sun, many stable metals and metal oxides get gasified and float over the surface of the sun, condensing into dust and forming some sun clouds, also known as “sunspots”. Affected by the sunlight radiation, electrons in the “dust clouds” over the surface of the sun will separate themselves from the dust and fly to space, and even to the earth. Only the electrons in the “sun clouds” over the surface of the sun can free themselves from gravitation and fly to the earth. Free electrons, photons and neutrons inside the sun can not free themselves from gravitation. When sunspots appear frequently, the electron flux from the sun to the earth becomes very strong. As a result, there appears electromagnetic explosion on the earth and beautiful polar light in the south and north poles.

Some maintain that the sun consists of hydrogen and helium, and thermonuclear reaction occurs in the center of the sun, and that the intense light of the sun takes place in the photosphere of sun's aerosphere. But the authors of this book do not agree with these argumentation for the following three reasons: Firstly, hydrogen and helium are too light to get down to the center of the sun, so thermonuclear reaction cannot happen there, while it is likely that it happen just on the surface of the photosphere. Otherwise the aerosphere should be transparent, and the dazzling photosphere comes from nowhere. Secondly, the strong light of the photosphere cannot be created from the aerosphere which cannot give out such strong light. The strong light can be that of the sun's liquid surface layer under the extreme high temperature. Thirdly, if there is originally no sun nucleus condensed by heavy elements, it is impossible to draw gaseous materials together to form the giant sun. (reference in Chapter 12)

In addition, that the sun is surrounded by eight planets is also a unique phenomenon which distinguishes the sun from other celestial bodies. Without the eight planets which surround the sun in a round-plate pattern, there is no the earth we live on. Most of the stars which people can see with astronomical telescope are much bigger than the sun, some even being more than ten thousand times as big as the sun. However, their gravitation is so strong that none of them can be surrounded by eight planets like the sun. The Altair and Vega which we are familiar with are located in the periphery of the Galactic System. Because they are much bigger than the sun, there are no planets surrounding them. The Solar System is a member of the Galactic System. That the sun is surrounded by eight planets is related to the Solar System's location in the Galactic System. In fact, the Galactic System is also a big galaxy of round-plate pattern. Since it can draw countless stars which are distant from it, there must be a "nucleus" with extremely big size and amazingly strong gravitation in the center of it. That is to say, all the stars in the Galactic System are the satellites of the "nucleus". The Solar System is fortunately located in the periphery of the Galactic System. If it unfortunately