

**EXISTENCE
OF GOD**

HARUN YAHYA

ABOUT THE AUTHOR

The author, who writes under the pen-name HARUN YAHYA, was born in Ankara in 1956. He studied arts at Istanbul's Mimar Sinan University and philosophy at Istanbul University. Since the 1980s, the author has published many books on political, faith-related and scientific issues. Harun Yahya is well-known as an author who has written very important works disclosing the forgery of evolutionists, the invalidity of their claims and the dark liaisons between Darwinism and bloody ideologies.

His pen-name is made up of the names "Harun" (Aaron) and "Yahya" (John), in memory of the two esteemed prophets who fought against lack of faith. The Prophet's seal on the cover of the author's books has a symbolic meaning linked to their contents. This seal represents the Qur'an as the last Book by God and the last word of Him and our Prophet, the last of all the prophets. Under the guidance of the Qur'an and Sunnah, the author makes it his main goal to disprove each one of the fundamental tenets of disbelieving ideologies and to say the "last word", so as to completely silence the objections raised against religion. The seal of the Prophet, who attained ultimate wisdom and moral perfection, is used as a sign of his intention of saying this last word.

All these works by the author centre around one goal: to convey the message of the Qur'an to people and thus to encourage them to think about basic faith-related issues, such as the existence of God, His unity and the hereafter, and to remind them of some important issues.

Harun Yahya enjoys a wide readership in many countries such as India, America, England, Indonesia, Poland, Bosnia, Spain and Brazil. His books have been translated into many languages, and English, French, German, Italian, Portuguese, Urdu, Arabic, Albanian, Russian, Serbo-Croat (Bosnian), Uygur Turkish, and Indonesian versions are available.

Greatly appreciated all around the world, these works have been instrumental in many people putting their faith in God and in many others gaining a deeper insight into their faith. The wisdom, and the sincere and easy-to-understand style employed give these books a distinct touch which directly strikes any one who reads or examines them. Immune to objections, these works are characterised by their features of rapid effectiveness, definite results and irrefutability. The explanations provided in the books are undeniable, explicit and sincere, and enrich the reader with definitive answers. It is unlikely that those who read these books and give a serious thought to them can any longer sincerely advocate the materialistic philosophy, atheism and any other perverted ideology or philosophy. Even if they continue to advocate, this proves to be only a sentimental insistence since these books

refute these ideologies from their very basis. All contemporary movements of denial are ideologically defeated today, thanks to the collection of books written by Harun Yahya.

There is no doubt that these features result from the wisdom and lucidity endowed them by God. The author certainly does not feel proud of himself; he merely intends to serve as a means in one's search for God's right path. Furthermore, the author makes no material gains from his books. Neither the writer, nor those who are instrumental in publishing and making these books accessible to the reader, make any material gains. They merely serve to earn the good pleasure of God.

Considering these facts, those who encourage people to read these books, which open the "eyes" of the heart and guide them in becoming more devoted servants of God, render an invaluable service.

Meanwhile, it would just be a waste of time and energy to propagate books which create confusion in people's minds, lead people into ideological chaos, and which clearly have no strong and precise effects in removing the doubts in peoples' hearts. It is apparent that it is impossible for books devised to put the stress on author's literary power rather than the noble goal of saving people from loss of faith, to have such a great effect. Those who doubt this can readily see that the sole aim of Harun Yahya's books is to overcome disbelief and to disseminate the moral values of the Qur'an. The success, impact and sincerity this service has rendered are manifest in the reader's conviction.

One point needs to be kept in mind: The main reason for the continuing cruelty and conflict, and all the ordeals Muslims undergo is the ideological prevalence of lack of religion. These things can only come to an end with the ideological defeat of lack of faith and by ensuring that everybody knows about the wonders of creation and Qur'anic morality, so that people can live by it. Considering the state of the world today, which forces people into the downward spiral of violence, corruption and conflict, it is clear that this service has to be provided more speedily and effectively. Otherwise, it may be too late.

It is no exaggeration to say that the Harun Yahya series have assumed this leading role. By the Will of God, these books will be the means through which people in the 21st century will attain the peace and bliss, justice and happiness promised in the Qur'an.

The works of the author include The Disasters Darwinism Brought to Humanity, Communism in Ambush, The 'Secret Hand' in Bosnia, The Holocaust Hoax, Behind the Scenes of Terrorism, Israel's Kurdish Card, Solution: The Morals of the Qur'an, The Evolution Deceit, Perished Nations, For Men of Understanding, The

Prophet Musa, The Golden Age, Allah's Artistry in Colour, Glory is Everywhere, The Truth of the Life of This World, Knowing the Truth, The Dark Magic of Darwinism, The Religion of Darwinism, The Qur'an Leads the Way to Science, The Real Origin of Life, The Consciousness of the Cell, The Creation of the Universe, Miracles of the Qur'an, The Design in Nature, Self-Sacrifice and Intelligent Behaviour Models in Animals, Children Darwin Was Lying!, The End of Darwinism, Deep Thinking, Never Plead Ignorance.

The author's other works on Qu'ranic topics include: Devoted to Allah, Abandoning the Society of Ignorance, Paradise, Knowledge of the Qur'an, Qur'an Index, Emigrating for the Cause of Allah, The Character of Hypocrites in the Qur'an, The Secrets of the Hypocrite, The Names of Allah, Communicating the Message and Disputing in the Qur'an, Answers from the Qur'an, Death Resurrection Hell, The Struggle of the Messengers, The Avowed Enemy of Man: Satan, Idolatry, The Religion of the Ignorant, The Arrogance of Satan, Prayer in the Qur'an, The Importance of Conscience in the Qur'an, The Day of Resurrection, Never Forget, Disregarded Judgements of the Qur'an, Human Characters in the Society of Ignorance, The Importance of Patience in the Qur'an, General Information from the Qur'an, The Mature Faith, Before You Regret, Our Messengers Say, The Mercy of Believers, The Fear of Allah, The Nightmare of Disbelief, Prophet Isa Will Come, Beauties Presented by the Qur'an for Life, Bouquet of the Beauties of Allah 1-2-3-4, The Iniquity Called "Mockery", The Secret of the Test, The True Wisdom According to the Qur'an, The Struggle with the Religion of Irreligion, The School of Yusuf, The Alliance of the Good, Slanders Spread Against Muslims Throughout History, The Importance of Following the Good Word, Why Do You Deceive Yourself?, Islam: The Religion of Ease, Enthusiasm and Vigor in the Qur'an, Seeing Good in Everything, How does the Unwise Interpret the Qur'an?, Some Secrets of the Qur'an, The Courage of Believers, Being Hopeful in the Qur'an, Justice and Tolerance in the Qur'an.

TO THE READER

The reason why a special chapter is assigned to collapse of the theory of evolution is that this theory constitutes the basis of all anti-spiritual philosophies. Since Darwinism rejects the fact of creation, and therefore the existence

of Allah, during the last 140 years it has caused many people to abandon their faith or fall into doubt. Therefore, showing that this theory is a deception is a very important duty, which is strongly related to the deen. It is imperative that this important service is rendered to all people. Some of our readers may find the chance to read only one of our books. Therefore, we think it appropriate to spare a chapter for a summary of this subject.

Another point to be stressed is related to the content of the book. In all the books of the author, faith-related issues are told in the light of the Qur'anic verses and people are invited to learn Allah's verses and live by them. All the subjects that concern Allah's verses are explained in such a way as to leave no room for doubt or question marks in the reader's mind.

The sincere, plain and fluent style employed ensures that everyone of every age and from every social group can easily understand the books. This effective and lucid way of recounting makes the books read quickly. Even those people who rigorously reject spirituality are influenced by the facts recounted in these books and cannot refute the truthfulness of their contents.

This book and all the other works of the author can be read by individuals or studied in a group at a time of conversation. The reading of the books by a group of readers willing to profit from them will be useful in the sense that readers can relate their own reflections and experiences to one another.

In addition, it will be a great service to the deen to contribute to the presentation and reading of these books, which are written solely for the good pleasure of Allah. All the books of the author are extremely convincing. For this reason, for those who want to communicate the deen to other people, one of the most effective methods is to encourage them to read these books.

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INTRODUCTION

Take a look around you from where you sit. You will notice that everything in the room is “made”: the walls, the upholstery, the ceiling, the chair where you sit, the booklet you hold in your hand, the glass on the table and countless other details. None of them happen to exist in your room of their own accord. Even the simple loops of the carpet were made by someone: they did not appear spontaneously or by chance.

A person who is about to read a book knows that it has been written by an author for a specific reason. It would not even occur to him that this book might have come into being by chance. In the same manner, a person who sees a sculpture has no doubt whatsoever that it was made by a sculptor. And not just works of art: even a few bricks resting on top of one another make one think that they must have been brought to rest just so by someone within a certain plan. Therefore, everywhere where there is an order – either small or big – a founder and protector of this order must also exist. If, one day, somebody came forward and said that raw iron and coal came together to form steel by chance, which in turn constructed the Eiffel Tower again by chance, would not he and those who believed him be regarded as insane?

The claim of the theory of evolution, the unique method of denying the existence of God, is no different from this. According to the theory, inorganic molecules formed amino acids by chance, amino acids formed proteins by chance, and finally proteins formed living creatures again by chance. However, the probability of a living creature being formed by coincidence is less than the probability of the Eiffel Tower being formed in the same manner, because even the simplest living cell is more sophisticated than any man-made structure in the world.

How is it possible to think that the balance in the world came about by coincidence when the extraordinary harmony of nature is observable even with the naked eye? It is the most unreasonable claim to say that the universe, each point of which suggests the existence of its Creator, has come into being on its own.

Therefore, there should be a designer of the balance visible everywhere from our body to the farthest corners of the inconceivably vast universe. So, who is this Creator that ordained everything so subtly and created all?

He cannot be any material being present within the universe, because His must be a will that existed before the universe and created the universe therewith. The Almighty Creator is One in Whom everything finds existence, yet Whose existence is without any beginning or end.

Religion teaches us the identity of our Creator Whose existence we discover with our reason. Through what He has revealed to us as religion, we know that He is God, the Compassionate and the Merciful, Who created the heavens and the earth from nothing.

Although most people have the capability to grasp this fact, they spend their lives unaware of it. When they look at a landscape painting, they wonder who its painter is. Later, they praise the artist at length for his beautiful work of art. Despite the fact that they face numerous originals of the natural world he painted the moment they turn around, they still disregard the existence of God, Who is the only owner of all these beauties. In truth, no lengthy research is needed to understand the existence of God. Even if one of us had to live in a room from the time he was born, countless pieces of evidence in this room alone would be enough for him to grasp the existence of God.

The human body so overflows with evidence that it could not be contained in many multi-volumed encyclopaedias. Giving only a few minutes of conscientious thought to it all is enough to understand the existence of God. The present order is protected by God and maintained by Him.

The human body is not the only food for thought. Life abides in every square millimetre of the earth, be it observable by men or not. The world overflows with many living beings, from unicellular organisms to plants, from insects to sea animals, and from birds to human beings. If you take a handful of soil and look at it, even therein you can discover manifold living creatures with diverse characteristics. The same is true also for the air you breathe. Even on your skin, there are many living creatures whose names are unknown to you. In the intestines of all living beings are millions of bacteria or unicellular organisms that help digestion. The animal population in the world is many times greater than the human population. When we also consider the plant world, we see that there is not a single spot on the earth where there is no life. All of these creatures that are spread over an area of millions of square kilometres have different body systems, different lives and different contributions to the ecological balance. It is preposterous to claim that all these have come into existence by chance with no aim or purpose. No living being has come to exist through its own accord or effort. No coincidental happening can ever result in such complicated systems.

All of this evidence leads us to the conclusion that the universe works with a certain “consciousness”. What, then, is the source of this consciousness? Surely it is neither the living nor the non-living beings in it. Nor can they be the ones that maintain the harmony and preserve the order. The existence and glory of God reveals itself in countless proofs in the universe. In fact, there is not even a single man on the earth who will not accept this evident reality from the heart. Yet they still deny it “in iniquity and arrogance, though their souls are convinced thereof” as stated in the Qur'an. (The Qur'an, 27:14)

This booklet is written to point out the reality from which some people turn away because their interests are at odds with it, and also to disclose the frauds and senseless deductions on which some systems of thought are based. This is why many diverse subjects are tackled in the booklet.

Those who read this booklet will once more see the indisputable evidence of God's existence and witness that God's existence encompasses all things: the “reason” knows this. Just as He has created this all-pervading order, He is the One Who also maintains it incessantly.

FROM NON-BEING TO BEING

The questions of how the universe originated, where it leads to, and how the laws maintaining its order and balance work have always been topics of interest. Scientists and thinkers have thought about this subject endlessly and have produced quite a few theories.

The prevailing thought until the early 20th century was that the universe was of infinite size, that it had existed since eternity, and that it would continue to exist forever. According to this view, called the "static universe model", the universe had neither a beginning nor an end.

Laying the groundwork for the materialist philosophy, this view denied the existence of a Creator while it maintained that the universe is a constant, stable, and unchanging collection of matter.

Materialism is a system of thought that holds matter to be an absolute being and denies the existence of anything but matter. Having its roots in ancient Greece and gaining ever-increasing acceptance in the 19th century, this system of thought became famous in the shape of the dialectical materialism of Karl Marx.

As we have stated earlier, the static universe model of the 19th century prepared the ground for the materialist philosophy. In his book *Principes Fondamentaux de Philosophie*, George Politzer stated concerning the basis of this universe model that "the universe was not a created object", and added:

If it were, then it would have to be created instantaneously by God and brought into existence from nothing. To admit creation, one has to admit, in the first place, the existence of a moment when the universe did not exist, and that something came out of nothingness. This is something to which science cannot accede.¹

When Politzer asserted that the universe was not created out of nothingness, he was relying on the static universe model of the 19th century, and thinking that he was making a scientific claim. However, the 20th century's developing science and technology demolished primitive concepts such as the static universe model that had laid the ground for the materialists. Today, in the early 21st century, modern physics has proved with many experiments, observations and calculations that the universe had a beginning and that it was created out of nothing with a big explosion.

That the universe had a beginning means that the cosmos was brought into being out of nothing, that is, that it was created. If a created thing exists (which did not exist beforehand), then it certainly should have a Creator. Being from non-being is something inconceivable to the human mind. (Man cannot practically conceive it since he has no chance of experiencing it.) Therefore, being from non-being is very different from bringing objects together to form a new object (such as works of art or technological inventions). It is a sign of God's creation alone that everything formed perfectly all at once and in a single moment, when the created things had no previous examples and not even time and space existed in which to create them.

The coming of the universe into being from non-being is the greatest proof possible that it has been created. Consideration of this fact will change a lot of things. It helps people understand the meaning of life and review their attitudes and purposes. This is why many scientific communities have tried to disregard the fact of creation which they could not fully comprehend, even though its evidence was clear to them. The fact that all scientific evidence points to the existence of a Creator has compelled them to invent alternatives and thus create confusion in the minds of people. Nevertheless, the evidence of science itself puts a definite end to these theories.

Now, let us take a brief look at the scientific developmental process through which the universe came about.

THE EXPANSION OF THE UNIVERSE

In 1929, the American astronomer Edwin Hubble, working at the California Mount Wilson observatory, made one of the most important discoveries in the history of astronomy. Observing a number of stars through his huge telescope, he discovered that their light was shifted towards the red end of the spectrum and, crucially, that this shift was directly related to the distance of the stars from earth. This discovery had an electrifying effect in the world of science, because according to the recognized rules of physics, the spectra of light beams travelling towards the point of observation tend towards violet while the spectra of light beams moving away from the point of observation tend towards red. During Hubble's observations, the light from stars was discovered to tend towards red. This meant that they were constantly moving away from us.

Before long, Hubble made another important discovery; The stars weren't just racing away from Earth; they were racing away from each other as well. The only conclusion that could be derived from a universe where everything moves away from everything else is that the universe constantly "expands".

To better understand, the universe can be thought of as the surface of a balloon being blown up. Just as the points on the surface of a balloon move apart from each other as the balloon is inflated, so do the objects in space move apart from each other as the universe keeps expanding.

In fact, this had been theoretically discovered even earlier. Albert Einstein, who is considered the greatest scientist of the century, had concluded after the calculations he made in theoretical physics that the universe could not be static. However, he had laid his discovery to rest simply not to conflict with the widely recognised static universe model of his time. Later on, Einstein was to identify his act as "the greatest mistake of his career". Subsequently, it became definite by Hubble's observations, that the universe expands.

What importance, then, did the fact that the universe expands have on the existence of the universe?

The expansion of the universe implied that if it could travel backwards in time, the universe would prove to have originated from a single point. The calculations showed that this "single point" that harboured all the matter of the universe should have "zero volume" and "infinite density". The universe had come about by the explosion of this single point with zero volume. This great explosion that marked the beginning of the universe was named the "Big Bang" and the theory started to be so called.

It has to be stated that "zero volume" is a theoretical expression used for descriptive purposes. Science can define the concept of "nothingness", which is beyond the limits of human comprehension, only by expressing it as "a point with zero volume". In truth, "a point with no volume" means "nothingness". The universe has come into being from nothingness. In other words, it was created.

The Big Bang theory showed that in the beginning all the objects in the universe were of one piece and then were parted. This fact, which was revealed by the Big Bang theory was stated in the Qur'an 14 centuries ago, when people had a very limited knowledge about the universe:

Do not the Unbelievers see that the heavens and the earth were joined together (as one unit of creation), before We clove them asunder? We made from water every living thing. Will they not then believe? (The Qur'an, 21:30)

As stated in the verse, everything, even the "heavens and the earth" that were not yet created, were created with a Big Bang out of a single point, and began shaping the present universe by being parted from each other.

When we compare the statements in the verse with the Big Bang theory, we see that they fully agree with each other. However, the Big Bang was introduced as a scientific theory only in the 20th century.

The expansion of the universe is one of the most important pieces of evidence that the universe was created out of nothing. Although this fact was not discovered by science until the 20th century, God has informed us of this reality in the Qur'an revealed 1,400 years ago:

It is We who have built the universe with (Our creative) power, and, verily, it is We who are steadily expanding it. (The Qur'an, 51:47)

THE SEARCH FOR ALTERNATIVES TO THE BIG BANG THEORY

As clearly seen, the Big Bang theory proved that the universe was 'created from nothing', in other words, that it was created by God. For this reason, astronomers committed to the materialist philosophy continued to hold out against the Big Bang in their struggle to uphold a fundamental tenet of their ideology. The reason was made clear by the leading materialist physicist Arthur Eddington, who said: "Philosophically, the notion of an abrupt beginning to the present order of Nature is repugnant to me."²

Sir Fred Hoyle was one of those who were disturbed by the Big Bang theory. In the middle of the century, Hoyle championed a theory called "the steady-state theory" which was similar to the "constant universe" approach of the 19th century. The steady-state theory argued that the universe was both infinite in size and eternal in duration. With the sole visible aim of supporting the materialist philosophy, this theory was totally at variance with the 'Big Bang' theory, which held that the universe had a beginning.

Those who defended the steady-state theory remained adamantly opposed to the Big Bang for years. Science, however, was working against them.

In 1948, George Gamov came up with another idea concerning the Big Bang. If the universe was formed in a sudden, cataclysmic explosion, there ought to be a definite amount of radiation left over from that explosion. This radiation should be detectable and, furthermore, it should be uniform throughout the universe.

Within two decades, observational proof of Gamov's conjecture was forthcoming.

MORE EVIDENCE: COSMIC BACKGROUND RADIATION

In 1965, two researchers by the name of Arno Penzias and Robert Wilson chanced upon a form of radiation hitherto unnoticed. This radiation, called the "cosmic background radiation", did not seem to radiate from a particular source but rather pervaded the whole of space. It was soon realized that this radiation was the echo of the Big Bang, still reverberating since the first moments of that great explosion. Penzias and Wilson were awarded a Nobel Prize for their discovery.

In 1989, NASA sent the Cosmic Background Explorer (COBE) satellite into space to do research on cosmic background radiation. It took only eight minutes for the sensitive instruments on board the satellite to detect and confirm the levels of radiation reported by Penzias and Wilson. The COBE had found the remains of the big explosion that had taken place at the outset of the universe.

Defined as the greatest astronomic discovery of all times, this finding explicitly proved the Big Bang theory. The findings of the COBE 2 satellite which was sent into space after the COBE satellite also confirmed the calculations based on the Big Bang.

More evidence for the Big Bang was forthcoming. One piece had to do with the relative amounts of hydrogen and helium in the universe. Observations indicated that the hydrogen-helium concentration in the universe was in accord with theoretical calculations of what should have been remained after the Big Bang. That drove another stake into the heart of the steady state theory because if the universe had existed for eternity and never had a beginning, all of its hydrogen should have been burned into helium.

All of this compelling evidence caused the Big Bang theory to be embraced by the scientific community. The Big Bang model was the latest point reached by science concerning the formation and beginning of the universe.

Defending the steady-state theory alongside Fred Hoyle for years, Dennis Sciama described the final position they had reached after all the evidence for the Big Bang theory was revealed:

There was at that time a somewhat acrimonious debate between some of the proponents of the steady state theory and observers who were testing it and, I think, hoping to disprove it. I played a very minor part at that time because I was a supporter of the steady state theory, not in the sense that I believed that it had to be true, but in that I found it so attractive I wanted it to be true. When hostile observational evidence became to come in, Fred Hoyle took a leading part in trying to counter this evidence, and I played a small part at the side, also making suggestions as to how the hostile evidence could be answered. But as that evidence piled up, it became more and more evident that the game was up, and that one had to abandon the steady state theory.³

Prof. George Abel from the University of California also states that currently available evidence shows that the universe originated billions of years ago with the Big Bang. He concedes that he has no choice but to accept the Big Bang theory.

With the Big Bang's victory, the concept of 'eternal matter' that constituted the basis of the materialist philosophy is thrown into the trash-heap of history. What, then, was before the Big Bang and what was the power that brought the universe into 'being' with this big explosion when it was "non-existent"? This question certainly implies, in Arthur Eddington's words, the 'philosophically unfavourable' fact for the materialists, that is, of the existence of a Creator. The renowned atheist philosopher Antony Flew comments on the issue:

Notoriously, confession is good for the soul. I will therefore begin by confessing that the Stratonician atheist has to be embarrassed by the contemporary cosmological consensus. For it seems that the cosmologists are providing a scientific proof of what St. Thomas contended could not be proved philosophically; namely, that the universe had a beginning. So long as the universe can be comfortably thought of as being not only without end but also without beginning, it remains easy to urge that its brute existence, and whatever are found to be its most fundamental features, should be accepted as the explanatory ultimates. Although I believe that it remains still correct, it certainly is neither easy nor comfortable to maintain this position in the face of the Big Bang story.⁴

Many scientists who do not blindly condition themselves to be atheists have admitted the role of an almighty Creator in the creation of the universe. This Creator must be a being Who has created both matter and time, yet Who is independent of both. Well-known astrophysicist Hugh Ross has this to say:

If time's beginning is concurrent with the beginning of the universe, as the space-theorem says, then the cause of the universe must be some entity operating in a time dimension completely independent of and preexistent to the time dimension of the cosmos. This conclusion is powerfully important to our understanding of who God is and who or what God isn't. It tells us that God is not the universe itself, nor is God contained within the universe.⁵

Matter and time are created by the almighty Creator Who is independent of all these notions. This Creator is God, Who is the Lord of the heavens and the earth.

DELICATE BALANCES IN SPACE

In truth, the Big Bang caused much greater trouble for the materialists than the above confessions of the atheist philosopher, Antony Flew. For the Big Bang not only proves that the universe was created out of nothing, but also that it was brought into being in a very planned, systematic and controlled manner.

The Big Bang took place with the explosion of the point which contained all the matter and energy of the universe and its dispersion into space in all directions with a terrifying speed. Out of this matter and energy, there came about a great balance containing galaxies, stars, the sun, the earth and all other heavenly bodies. Moreover, laws were formed called the 'laws of physics', which are uniform throughout the whole universe and do not change. All these indicate that a perfect order arose after the Big Bang.

Explosions, however, do not bring about order. All of the observable explosions tend to harm, disintegrate, and destroy what is present. For example, the atom and hydrogen bomb explosions, fire-damp explosions, volcanic explosions, natural gas explosions, solar explosions: they all have destructive effects.

If we were to be introduced to a very detailed order after an explosion - for instance, if an explosion under the ground gave rise to perfect works of art, huge palaces, or imposing houses - we might conclude that there was a "supernatural" intervention behind this explosion and that all the pieces dispersed by the explosion had been made to move in a very controlled way.

This quotation from Sir Fred Hoyle, who accepted his mistake after many years of opposition to the Big Bang Theory, expresses the situation very well:

The big bang theory holds that the universe began with a single explosion. Yet as can be seen below, an explosion merely throws matter apart, while the big bang has mysteriously produced the opposite effect - with matter clumping together in the form of galaxies.⁶

While stating that the Big Bang's giving way to order is contradictory, he surely interprets the Big Bang with a materialistic bias and assumes that this was an "uncontrolled explosion". He, however, was in reality the one who became self-contradictory by making such a statement simply to dismiss the existence of a Creator. For if a great order arose with an explosion, then the concept of an "uncontrolled explosion" should have been set aside and it should be accepted that the explosion was extraordinarily controlled.

Another aspect of this extraordinary order formed in the universe following the Big Bang is the creation of a "habitable universe". The conditions for the formation of a habitable planet are so many and so complex that it is almost impossible to think that this formation is coincidental.

Paul Davies, a renowned professor of theoretical physics, calculated how "fine tuned" the pace of expansion after the Big Bang was, and he reached an incredible conclusion. According to Davies, if the rate of expansion after the Big Bang had been different even by the ratio of one over a billion times a billion, no habitable star type would have been formed:

Careful measurement puts the rate of expansion very close to a critical value at which the universe will just escape its own gravity and expand forever. A little slower and the cosmos would collapse, a little faster and the cosmic material would have long ago completely dispersed. It is interesting to ask precisely how delicately the rate of expansion has been 'fine-tuned' to fall on this narrow dividing line between two catastrophes. If at time I S (by which time the pattern of expansion was already firmly established) the expansion rate had differed from its actual value by more than 10⁻¹⁸, it would have been sufficient to throw the delicate balance out. The explosive vigour of the universe is thus matched with almost unbelievable accuracy to its gravitating power. The big bang was not, evidently, any old bang, but an explosion of exquisitely arranged magnitude.⁷

The laws of physics that emerged together with the Big Bang have not change at all over a period of 15 billion years. Furthermore, these laws stand on calculations so scrupulous that even a millimetre's variation from their current values can result in the destruction of the whole structure and configuration of the universe.

The famous physicist Prof. Stephen Hawking states in his book *A Brief History of Time*, that the universe is set on calculations and balances more finely tuned than we can conceive. Hawking states with reference to the rate of expansion of the universe:

Why did the universe start out with so nearly the critical rate of expansion that separates models that recollapse from those that go on expanding forever, so that even now, ten thousand million years later, it is still expanding at nearly the critical rate? If the rate of expansion one second after the big bang had

been smaller by even one part in a hundred thousand million million, the universe would have recollapsed before it ever reached its present size.⁸

Paul Davies also explains the unavoidable consequence to be derived from these incredibly precise balances and calculations:

It is hard to resist the impression that the present structure of the universe, apparently so sensitive to minor alterations in the numbers, has been rather carefully thought out... The seemingly miraculous concurrence of numerical values that nature has assigned to her fundamental constants must remain the most compelling evidence for an element of cosmic design.⁹

In relation to the same conclusion, an American professor of Astronomy, George Greenstein, writes in his book *The Symbiotic Universe*:

As we survey all the evidence, the thought insistently arises that some supernatural agency – or, rather Agency – must be involved.¹⁰

THE CREATION OF MATTER

The atom, the building-block of matter, came into being after the Big Bang. These atoms then came together to make up the universe with its stars, earth and sun. Afterwards, the same atoms established life on the earth, everything you see around you: your body, the chair you sit on, the book you hold in your hand, the sky seen through the window, the soil, the concrete, the fruits, the plants, all living things and everything that you can imagine have come to life with the gathering of atoms.

What then is the atom, the building block of everything, made of and what kind of a structure does it have?

When we examine the structure of atoms, we see that all of them have an outstanding design and order. Every atom has a nucleus in which there are certain numbers of protons and neutrons. In addition to these, there are electrons which move around the nucleus in a constant orbit with a speed of 1,000 kms per second.¹¹ Electrons and protons of an atom are equal in number, because positively charged protons and negatively charged electrons always balance each other. If one of these numbers were different, there would be no atom, since its electromagnetic balance would be disturbed. An atom's nucleus, the protons and the neutrons in it, and the electrons around it are always in motion. These revolve both around themselves and each other unerringly at certain speeds. These speeds are always proportionate to each other and provide the subsistence of the atom. No disorder, disparity, or change ever occurs.

It is very remarkable that such highly ordered and determined entities could come into being after a great explosion that took place in non-being. If the Big Bang were an uncontrolled, coincidental explosion, then it ought to have been followed by random events and everything that formed subsequently ought to have been dispersed in a great chaos.

In fact, a flawless order has prevailed at every point since the beginning of the existence of the universe. For example, although atoms are formed at different places and times, they are so organised that they seem as though they were produced from a single factory with an awareness of each kind. First, electrons find themselves a nucleus and start to turn around it. Later, atoms come together to form matter and all these bring about meaningful, purposeful and reasonable objects. Ambiguous, useless, abnormal and purposeless things never occur. Everything from the smallest unit to the biggest component is organised and has manifold purposes.

All of this is solid evidence of the existence of the Creator, Who is exalted in power, and indicate the fact that everything comes into existence however He wants and whenever He wills. In the Qur'an, God refers to His creation thus:

He it is Who has created the heavens and the earth with truth, and on the day He says: Be, it is. His word is the truth. (The Qur'an, 6:73)

AFTER THE BIG BANG

There is a certain sense in which I would say that the universe has a purpose. It's not just there by chance. Some people take the view that the universe is simply there and it runs along – it's a bit as though it just sort of computes, and we happen by accident to find ourselves in this thing. I don't think that's a very fruitful or helpful way of looking at the universe. I think that there is something much deeper about it, about its existence, which we have very little inkling of at the moment.¹²

The above words of Roger Penrose are indeed good food for thought. As his words imply, many people wrongly entertain thoughts that the universe with all its perfect harmony exists for nothing and that they live in this universe for no particular reason or purpose.

However, it can by no means be considered as ordinary that a quite perfect and wondrous order came about after a Big Bang, which is considered by the scientific community to be the means of the formation of the universe.

Briefly, when we examine the glorious system in the universe, we see that the existence of the universe and its workings rest on extremely delicate balances and an order too complex to be explained away by coincidental causes. As is evident, it is by no means possible for this delicate balance and order to have been formed on its own and by coincidence after a great explosion. The formation of such an order following an explosion such as the Big Bang could only have been possible as a result of a supernatural creation.

This matchless plan and order in the universe certainly proves the existence of a Creator with infinite knowledge, might and wisdom, Who has created matter from nothing and Who controls and manages it incessantly. This Creator is God, the Lord of the heavens, the earth and all that is in between.

All the evidence shows us how the claims of the materialist philosophy, which is simply a 19th century dogma, are invalidated by 20th century science.

By revealing the great plan, design and order prevalent in the universe, modern science has proved the existence of a Creator Who has created and continually rules all beings: that is, God.

Holding sway over a great number of people for centuries and having even disguised itself with the mask of "science", materialism, by deeming everything to consist of nothing but matter, has made a great mistake and denied the existence of God, Who created and ordered matter from nothing. One day, materialism will be remembered in history as a primitive and superstitious belief opposed to both reason and science.

THE SIGNS IN THE HEAVENS AND ON THE EARTH

Assume that you set up a big city by bringing millions of sets of Lego together. Let there be in this city skyscrapers, twisting roads, railway stations, airports, shopping malls, subways and also rivers, lakes, forests and a beach. Let there also be living in it thousands of people wandering in its streets, sitting in their homes and working in their offices. Take every detail into account. Even the traffic lights, box offices, and the signboards at the bus stations.

If someone came up to you and said that all the pieces of Lego of this city, which you had founded by planning it right down to the smallest detail, and each piece of which you had picked up and placed with great care and precision, had been brought together by sheer accident to produce this city, what would you think of the mental state of that person?

Now, go back to the city you have built and consider that the whole city would be levelled to the ground if you had forgotten to put into place even a single Lego, or changed its place. Can you imagine what great balance and order you have had to establish?

Life in the world where we live is also made possible by the accumulation of such a great number of details incomprehensible to the human mind. The absence of even one of these details might mean the end of life on the earth.

Everything, every detail from the atom, the smallest unit of matter, to the galaxies harbouring billions of stars, from the moon, an inseparable adjunct of the world, to the solar system - all work in perfect harmony. This well-organised system runs flawlessly, just like a watch. People are so confident that this billions-of-years-old system will go on functioning without leaving out even the smallest detail that they can freely make plans about something they think will be realised in the next 10 years. No one is worried about whether the sun will rise the next day. A great majority of people do not think about “whether the world may ever chance to break free from the gravitation of the sun and start to move towards the unknown in the pitch-dark space”; or ask “What keeps this from happening?”

In the same manner, when people are about to sleep, they are very confident that their hearts or respiratory systems will not relax as their brains do. However, even a few seconds' halt in any one of these two vital systems may well cause results that will cost one's life.

When the “glasses of familiarity” which surround the whole of life and cause every event to be assessed as if ‘it is taking place in its natural course’ are taken off, one is free to see that everything is made up of such closely interdependent, meticulously planned systems that it is as if we were hanging on to life by the skin of our teeth. You notice an excellent order prevailing in every spot you turn your eyes on. Certainly, there is a great power that creates such an order and harmony. The possessor of this great power is God, Who created everything out of nothing. In a verse of the Qur'an, it is said:

He Who has created seven heavens in full harmony with one another: no incongruity will you see in the creation of the Most Gracious. And turn your vision (upon it) once more: can you see any flaw? Yea, turn your vision (upon it) again and yet again: (and every time) your vision will fall back upon you, dazzled and truly defeated. (The Qur'an, 67:3-4)

When we look at the phenomena in the heavens, on the earth and in all that lies between them, we see that they all prove the existence of their Creator in their own right. In this chapter, we are going to dwell on the natural phenomena and living beings that every one sees, yet never thinks about, and how they have come into being and

continue their existence. If we were to write down all the signs of God in the universe, they would fill many thousands of volumes of encyclopaedias. Therefore, in this chapter, we will only deal briefly with some subjects that deserve to be pondered upon at length.

However, even these brief mentions will help the conscientious “men of understanding” to notice the most important fact of their lives or at least will help them remember it once again.

For God Exists.

To Him is due the primal origin of the heavens and the earth and He is known through reason.

THE MIRACLES IN OUR BODY

‘A Half-Developed Eye Cannot See’

What comes to your mind first when you hear the word “eye”? Are you aware that one of the most crucial things in life for you is your ability to see? Even if you are, have you ever thought what other signs your eye bears?

The eye is one of the most manifest pieces of evidence that living creatures are created. All sight organs, including animal eyes and the human eye, are extremely striking examples of perfect design. This exceptional organ is so overwhelmingly complex that it surpasses even the most sophisticated man-made devices in the world.

In order for an eye to see, all of its parts have to co-exist and work in harmony. For instance, if an eye happened to have lost its eyelid, but still had all the other parts such as the cornea, conjunctiva, iris, pupil, eye lenses, retina, choroid, eye muscles, and tear glands, it would still be greatly damaged and soon lose its seeing function. In the same manner, even if all its organelles were present, if the tear production were stopped, the eye would soon dry out and become blind.

“The chain of coincidences” posited by evolutionists loses all its meaning against the complex structure of the eye. It is not possible to explain the existence of the eye other than as a matter of special creation. The eye has a multi-sectioned complex system and, as discussed above, all of these individual sections had to come into existence at the same time. It is impossible for a half-developed eye to function at “half capacity”. In such a circumstance, the act of seeing can by no means take place. An evolutionist scientist admits to this truth:

The common trait of the eyes and the wings is that they can only function if they are fully developed. In other words, a halfway-developed eye cannot see; a bird with half-formed wings cannot fly.¹³

In this case, we again face that very important question: who created all of the components of the eye all at once?

The owner of the eyes is obviously not the one who makes the decision about their formation. For it is impossible for a being devoid of the knowledge of what seeing is like, to desire to have a seeing organ and have it attached to his body. So we have to accept the existence of a Possessor of superior Wisdom Who has created living beings with senses such as seeing, hearing, and so on. Another claim is that unconscious cells gained consciousness-requiring functions such as seeing and hearing by their own desire and effort. It is crystal clear that this is impossible. In the Qur'an, it is stated that seeing has been bestowed upon living beings by God:

Say: He it is Who brought you into being and made for you the ears and the eyes and the hearts: little is it that you give thanks. (The Qur'an, 67:23)

How Do Cells Recognise One Another?

In our high school or university years, we all learn about the formation of the human body. So we know that the embryo, which is initially only a piece of flesh, which turns into a body over time. In this process, the cells start to differentiate, some forming arms, others internal organs and yet others eyes. Each cell knows where to go, which organ it will form, how much it will reproduce, and when it will stop. However, the quotation below informs us about a different, awesome aspect of the embryo's development:

If we separate the cells of an embryo belonging to various organs – provided that we decrease the amount of calcium in the environment –, and further mix these different kinds of cells thoroughly in an appropriate environment, then when they come in contact with each other again, these cells KNOW one another and the cells of the same organ form individual groups.¹⁴

That is to say, if we first separate cells from one another and then unite them again, cells that would form the same organ will recognise one another and re-unite.

How do these cells, bereft of a brain, nervous system, eyes and ears, recognise one another? How can these beings without consciousness and wisdom, which are only collections of molecules, select those cells which share the same qualities from all the various other cells? How do they know that they will later come together and form the same organ? What is the source of this great consciousness displayed by unconscious molecules? The source of this consciousness is God, the Lord of all the Worlds, Who created the whole universe from nothing.

We will show them Our Signs on the horizon and within themselves until it is clear to them that it is the truth. Is it not enough for your Lord that He is a witness of everything? (The Qur'an, 41:53)

The Army Inside Man

Every day, a war is fought in the innermost parts of your body unperceived by you. On the one side are viruses and bacteria that aim to intrude into your body and take it under control and on the other are the immunity cells that protect the body against these enemies.

The enemies wait in an offensive state to make their way into the area they aim at and they head towards the target area at the first opportunity. However, the strong, organised and disciplined soldiers of the target area do not easily give in to the enemies. First, the soldiers who swallow and neutralise the enemy soldiers (phagocytes) arrive at the battleground. However, sometimes the fight is tougher than these soldiers can handle. On such occasions, other soldiers (macrophages) are summoned up. Their involvement causes alarm in the target area and other soldiers (helper T cells) are also called to battle.

These soldiers are very familiar with the local populace. They quickly distinguish their own army from that of the enemy. They immediately activate the soldiers assigned to weapon production (B cells). These soldiers have extraordinary abilities. Although they never see the enemy, they can produce weapons which will render the enemy ineffectual. In addition, they carry the weapons they produce as far as they should be taken. During this journey, they succeed in the difficult task of not causing any harm either to themselves or to their allies. Later, the striker teams cut in (killer T cells). These discharge the poisonous material they carry on themselves at the most vital spot of the enemy. In case of victory, another group of soldiers arrives at the battleground (suppressor T cells) and sends all the warriors back to their camp. The soldiers who arrive at the battleground last (memory cells) record all relevant information about the enemy, so that it can be used in the event of a similar invasion in the future.

The excellent army discussed above is the immune system in the human body. Everything explained above is done by microscopic cells unobservable to the naked eye. (For more information please see *The Miracle of the Immune System* by Harun Yahya)

How many people are aware that they have such an organised, disciplined and perfect army inside their bodies? How many of them are aware that they are surrounded on all sides by microbes that, if unimpeded, would cause them to catch serious illnesses or even die? Indeed, there are many dangerous microbes in the air we breathe, the water we drink, the food we eat, and the surfaces we touch. While one is unaware of all that is going

on, the cells in one's body make strenuous efforts to save one from an illness that may even bring about one's death.

The ability of all immunity cells to distinguish enemy cells from body cells, the ability of B cells to prepare a weapon to neutralise the enemy that they have never seen, their ability to carry these weapons as far as they have to be taken without adversely affecting any body cells, the signal-receiving cells' fulfilling their duty completely without making any objections, each of them knowing what to do, their returning to their places without any problem as soon as they are finished with their work, and the abilities of the memory cells are only some of the distinctive characteristics of this system.

For all these reasons, the story of the formation of the immunity system is never taken up by any evolutionist writer.

It is extremely difficult for a person without an immunity system or with an ill-functioning one to survive, since he would be exposed to all the microbes and viruses in the outside world. Today, such people can exist only in special enclosures with no direct contact with anyone or anything outside. Therefore, it is impossible for a person without an immunity system to survive in a primitive environment. This leads us to the conclusion that an extremely complex system such as the immune system could only have been created all at once and with all of its elements intact.

ANIMALS AND PLANTS

Millions of plant and animal types present in the world stand out as evidence that proves the existence and might of our Creator.

All of these living beings, a limited number of which will be described as examples here, deserve to be examined individually. They all have different body systems, diverse defence tactics, unique ways of feeding, and interesting reproduction methods. Unfortunately, it is not possible to describe all living beings with all their features in a single book. Encyclopaedias of many volumes would not be enough for this task.

However, even the few examples we will discuss here will be sufficient to prove that life on earth can in no way be explained by coincidences or accidental happenings.

From Caterpillar to Butterfly

If you had 450-500 eggs and if you had to preserve them outdoors, what would you do? The wisest course for you would be to take precautions to prevent them from being scattered around, say, by the wind, or other environmental factors. Being one of the animals that lay the most eggs at one time (450-500), the silkworms use a very intelligent way to protect their eggs: they unite the eggs with a viscous thread-like substance, which they secrete to prevent them from being scattered around.

The caterpillars that pop out of their eggs first find a safe branch for themselves and then get tied to this branch with the same thread. Later, to promote their own development, they start to spin a cocoon for themselves with the thread they secrete. It takes 3-4 days for a caterpillar that has opened its eyes to life very recently to complete this process. During this period, the caterpillar makes thousands of turns and produces a thread an average of 900-1,500 metres long.¹⁶ At the end of this process, it starts a new task through which it undergoes a metamorphosis to become an elegant butterfly.

Neither the action taken by the mother silkworm to protect its eggs, nor the behaviour of a tiny caterpillar devoid of any awareness, education or knowledge can be explained by evolution. First of all, the ability of the mother to produce the thread it uses to secure its eggs is miraculous. The newly-born caterpillar's knowing the most suitable environment for itself, its spinning a cocoon in accordance with it, its undergoing a metamorphosis,

and its coming through this metamorphosis without any problem are beyond human comprehension. Hence, we can simply say that each caterpillar is born into the world with a foreknowledge of what to do, which means that it was “taught” all of these things before it was born.

Let us explain this with an example. What would you think if you saw a new-born baby standing up a few hours after his birth, getting together the things he needs to make his bed (like quilt, pillow, mattress), and later putting all these together neatly, making his bed and lying down on it? After you recover from the shock of the event, you would probably think that the baby must have been taught in an extraordinary way in his mother's womb to perform such a process. The case of the caterpillars is no different from the baby in this example.

This again leads us to the same conclusions: these living creatures come into life, behave and live in the way determined by God Who has created them. The Qur'anic verse stating that God has inspired the honeybee and commanded it to make honey (The Qur'an, 16:68-69) provides an example of the great secret of the world of living beings. This secret is that all living beings have bowed to God's will and follow the fate determined by Him. This is why the honeybee makes honey and the silkworm produces silk.

The Symmetry in Wings

When we look at the butterfly wings in the pictures, we see a perfect symmetry prevailing over them. These lace-like wings are so adorned with patterns, spots and colours that each of them is like a work of art.

When you look at the wings of these butterflies, you notice that the patterns and colours on left and right are perfect reflections of each other, no matter how intricate they may seem. Even the smallest dot is present on both wings, thereby introducing a flawless order and symmetry.

In addition, none of the colours on these thin wings mixes with the other, each being sharply set apart from the other. Actually, these colours are formed by the amassing of tiny scales clustered one on top of another. Isn't it a wonder how these small scales that are easily dispersed with your hand's slightest touch can be arranged on both wings without any mistake in their disposal so as to produce exactly the same pattern. Even the replacement of a single scale would destroy the symmetry in the wings and impair their aesthetics. However, you never see any muddle in the wings of any butterfly on the earth. They are as neat and elegant as if made by an artist. And they are indeed made by an Exalted Creator.

The Animal with the Longest Neck: The Giraffe

Giraffes have many amazing characteristics. One of these is that their neck stands on 7 vertebrae, just like that of all other mammals, even though it is so long. Another amazing fact about giraffes is that they do not have any problem pumping blood up to their brain on top of their long neck. A little thinking would make one notice how difficult it must be to have the blood pumped so high. But giraffes do not have any problem about this, because their hearts are equipped with features to pump blood as high as necessary. This enables them to carry on with their lives effortlessly.

Yet they still face another problem while they drink water. Essentially, giraffes should have died of high blood pressure every time they bent down to drink water. However, the perfect system in their necks completely eliminates this risk. When they bend down, the valves in their neck vessels are shut down and they prevent excess blood from flowing to the brain.

There is no doubt that the giraffes did not acquire these traits by planning themselves in accordance with their needs. It is even more implausible to say that all these vital features were shaped over time through a gradual and accidental evolutionary process. In order for a giraffe to stay alive, it is vital for it to have a pumping system to transmit blood to the brain and a valve system to prevent high blood pressure the minute it bends down. If any one of these characteristics did not exist or did not function properly, then it would be impossible for the giraffe to go on living.

The conclusion to be derived from all this is that the giraffe species was born into the world with all the characteristics vital for its living already there. It is impossible for a non-existent being to master its body and acquire essential traits consciously. So, the very existence of giraffes unquestionably proves that they are created by a conscious creation, that is by God.

Sea Turtles

Sea turtles living in the oceans surge in crowds towards the beach when it is time for them to reproduce. This is no ordinary beach though. The beach they arrive at to reproduce has to be the one where they were born.¹⁷ Sometimes sea turtles have to travel as far as 800 kilometres to return there. But a long and tough journey does not change the situation. They arrive at the beach where they were born to give birth to their offspring, no matter what.

It is quite unaccountable how a living being can find its way back to the very same beach 20-25 years after its departure from there.¹⁸ It is all the more extraordinary that it can find the direction of its birthplace in the depths of the ocean where so little light penetrates, and then spot it from among numerous similar beaches.

Finally, thousands of travellers with no compass, meet on the same beach at the same time. Initially a mystery, the reasons underlying this insistent meeting came as a great surprise when finally revealed. Since turtles know that their offspring cannot survive in sea conditions, they bury their eggs under the sand on the beach. But why do all of them meet on the same beach, at the same time? Would not the hatchlings survive if they did the same thing at different times and on different beaches? Those who did research on this topic were faced with a very interesting situation. Thousands of offspring under the sand have to overcome a number of formidable obstacles after breaking their eggs with the hard lump on their head. The hatchlings of an average of 31 grams cannot dig the earth layer above them on their own and they all help each other. When thousands of hatchlings on the beach start to dig the earth, they make it to the sand surface in a few days. Yet before they appear on the surface, they wait for a while for nightfall. For in the day time, there is the danger of falling prey to predators. In addition, it would be quite difficult for them to proceed by crawling on sands scorched by the sunlight. When night falls, they go up to the surface after completing the digging process. Although it is dark, they rush to the sea and depart from the beach to return there as much as 20-25 years later.

It is impossible for these hatchlings to know that they have to dig their way up after they pop out of their eggs and wait for a while at a certain distance from the sea. It is by no means possible for them to know, when they are still buried in the earth, whether it is day or night, that predators exist outside and that they could fall a prey to them, that the sand is scorching because of the sun, that this could harm them, and that they must rush to the sea. So, how does this conscious conduct come about?

The only answer to this question is that these hatchlings have been somehow “programmed” to behave in this way, which means that their Creator has inspired in them the instinct that helps them protect their lives.

Bombardier Beetle

The bombardier beetle is an insect on which an enormous amount of research has been done. The trait that renders this insect so popular is that it uses chemical methods to protect itself from its enemies.

In moments of danger, the insect squirts hydrogen peroxide and hydroquinone stored in its body towards the enemy to protect itself. Prior to battle, specialised structures called secretory lobes make a very concentrated mixture of these two chemicals. The mixture is stored in a separate compartment called the storage chamber. This compartment is connected to a second one called the explosion chamber. The two compartments are kept separate from one another by a sphincter muscle. The moment the insect senses danger, it squeezes the muscles surrounding the storage chamber while simultaneously relaxing the sphincter muscle, and the chemical in the storage chamber is transferred to the explosion chamber. A large quantity of heat is released and a vaporisation

occurs. The released vapour and the oxygen gas exert pressure on the walls of the explosion chamber and this chemical is squirted at the enemy through a channel leading outward from the beetle's body.¹⁹

It is still a great mystery to researchers how an insect can harbour inside itself a powerful system potent enough to trigger a chemical reaction that could easily cause it harm while also isolating itself from the effects of that system. It is clear that the existence and working of this system is too complicated to be attributed to the insect itself. It is still a matter of discussion how the bombardier beetle makes such a system work within its tiny body measuring about 2 cm in length, when human experts can perform it only in laboratories.

The only apparent truth here is that this insect is a concrete example completely refuting the theory of evolution, because it is impossible for this complex chemical system to have been shaped by a series of coincidental variations and passed on to future generations. Even a minor deficiency or 'defect' in a single piece of the system would leave the animal defenceless, so that it would soon be killed or it would cause it to blow itself up. Therefore, the only explanation is that the chemical weapon in the insect's body had come into being with all its parts all at once and without any defect.

Termite Nests

No one can help feeling surprised at the sight of a termite nest erected on the ground by termites. These nests are architectural wonders, rising as high as 5 or 6 metres.

When you compare the size of a termite and its nest, you will see that the termite has successfully completed an architectural project about 300 times bigger than itself. But what is even more astonishing is that the termites are blind.

A person who has never seen the huge nests built by blind termites would probably think that they are made up of sand piles heaped upon each other. However, a termite nest proves to be of a design so marvellous it is difficult to believe: inside there are intersecting tunnels, corridors, ventilation systems, special fungus production yards and safety exits.

If you assemble thousands of blind people and give them all kinds of technical tools, you can never make them set up a nest similar to the one made by the termite colony. So, just think:

- How could a termite measuring 1-2 cm. in length have learnt the architectural and engineering information needed to make such a subtle design?

- How could thousands of blind termites manage to work in harmony to build this construction which is an artistic wonder?

- If you divide a termite nest into two during the first stages of its construction, and then reunite it, you will see that all passage-ways, canals and roads fit each other. How can this miraculous event be explained?

The conclusion to be derived from this example is that God has created all living species uniquely and without the need of any prior example. Even one termite nest is enough for a person to comprehend God and believe that He is the One Who created all.

The Woodpecker

As we all know, woodpeckers build their nests by boring holes in tree trunks with their beaks. This may sound familiar to most people. But the point many people fail to examine is why woodpeckers suffer no brain haemorrhage when they beat a tattoo so vigorously with their heads. What the woodpecker does is in a way similar to a human being driving a nail into the wall with his head. If a man ventured to do something like that, he would probably undergo a brain shock followed by a brain haemorrhage. However, a woodpecker can peck a hard tree trunk 38-43 times in just two or three seconds and nothing happens to it.²⁰

Nothing happens because the head structure of woodpeckers is ideally created for such a task. The skull of the woodpecker has a remarkable suspension system that absorbs the force of the blows. Its forehead and some

skull muscles adjoined to its beak and the jaw joint are so robust that they help lessen the effect of the forceful strokes during pecking.²¹

Design and planning do not end here. Preferring primarily pine trees, a certain species of woodpecker checks the age of the trees before boring a hole in them and picks those older than 100 years, because pine trees older than 100 years suffer an illness that causes the hard and thick bark to soften. This was only recently discovered by science and perhaps you may be reading of it here for the first time in your life; woodpeckers have known it for centuries.

This is not the only reason why the woodpeckers prefer pine trees. Woodpeckers dig cavities around their nests, the function of which was not originally understood. These cavities were later understood to protect them from a great danger. Over time, the sticky resin that leaks from the pine trees fills up the cavities and the outpost of the woodpecker's nest is thus filled with a pool whereby woodpeckers can be protected from snakes, their greatest enemies.

Another interesting feature of woodpeckers is that their tongues are thin enough to penetrate even ants' nests in the trees. Their tongues are also sticky, which allows them to collect the ants that live there. The perfection in their creation is further revealed by the fact that their tongues have a structure which prevents them from being harmed by the acid in the bodies of the ants.²²

These woodpeckers, each of whose characteristics is discussed in a different paragraph above, prove with all their detailed features that they are 'created'. If woodpeckers had evolved coincidentally as the theory of evolution claims, they would have died before they acquired such extraordinarily consistent traits and they would be extinct. However, as they were created by God with a special "design" adapted to their life, they started their lives by bearing all the vital characteristics.

Camouflage

One of the defence strategies of animals is camouflage. Some animals have the special protection of a body structure and coloration which are totally adapted to their habitat. The bodies of these living beings are in appearance so harmonious with their environment that when you look at their pictures, you cannot tell if they are plants or animals, or distinguish them from their surroundings.

As will be seen in the following pages, the incredible similarity of an insect to a leaf helps it escape the notice of its enemies. It is obvious that this tiny animal has not made its body look like a leaf. Maybe it is not even aware that it is being protected because it looks like a leaf. However, the camouflage is so deft that it readily impresses the observer as a defence tactic planned specially and "created".

False Eyes

There are some incredible and unimaginably interesting defence methods in the animal world. One of these is false eyes. With such false eyes, various butterflies, caterpillars and fish species convince their enemies that they are "dangerous".

The butterflies in the pictures on the left open their wings as soon as they sense danger and display a pair of eyes on each of their wings which appear quite threatening to their enemies.

Let us take our time and think: can these extremely convincing eyes be the result of a coincidence? How does the butterfly know that a pair of scary eyes appears when it opens its wings and that the sight of them would frighten its enemy? Has the butterfly happened to see the pattern on its wings and decided that this pattern was frightening and that it could use it in a moment of danger?

Such a convincing pattern can be the result only of a conscious design, not of coincidences. Moreover, it is by no means possible to think that the butterfly is aware of the patterns on its wings and discovered this as a defence tactic by itself. It is obvious that God, Who created the butterfly, bestowed on its body such a pattern and inspired in the animal the instinct to use it in moments of danger.

Water Lilies

Little flowers on the earth are mostly considered commonplace by people, notwithstanding their overall perfection. What prevents people from grasping the creation miracles in these flowers is the familiarity brought about by seeing them everywhere and every day. Therefore, flowers that grow in a totally different place, under totally different conditions and in totally different sizes will be assessed without the “glasses of familiarity” and thus help us grasp the existence of God.

Amazon water lilies that grow in the sticky mud covering the bottom of the Amazon River are interesting enough to remove the 'glasses of familiarity' from people, because they continue their lives not in the way people are accustomed to and witness everyday, but with a very different struggle.

These plants start to grow in the mud at the bottom of the Amazon River, and then reach out towards the river surface. Their goal is to reach the sunlight which is vital to their existence. When they finally reach the water's surface, they stop growing and develop thorny, round buds. The buds develop into gigantic leaves with a reach of 2 metres, in as short a time as a couple of hours. “Knowing” that the more they cover the river surface with abundant leaves, the more will they be able to make use of sunlight, these water lilies make ample use of daylight to perform photosynthesis. They “know” that otherwise they will not be able to survive at the bottom of the river due to the scarcity of light. It is certainly quite inspiring for a plant to employ such an “intelligent” tactic.

However, sunlight alone does not suffice for the Amazon water lilies. They also need oxygen equally, yet it is obvious that this oxygen does not exist in the muddy ground in which their roots are located. This is why water lilies stretch out stems developing from their roots upwards towards the water surface where their leaves float. Sometimes these stems grow as tall as 11 metres; they are tied to the leaves and function as oxygen-carriers between the leaves and the root.²³

How can a bud in its initial stages of life in the depths of a river know that it needs oxygen and sunlight to survive, that it would not be able to live in their absence, and that everything it needs is present on the water surface? A being recently introduced to life is aware neither of the fact that this water has an ending point, nor of the existence of the sun or oxygen.

Therefore, if the whole event is assessed from the standpoint of evolutionists, these plants should long before have been defeated by environmental conditions and become extinct. Nevertheless, water lilies are still present today in all their perfection.

The unbelievable life struggle of water lilies continues well after they reach light and oxygen on the water surface, where they curl the brims of their huge leaves upward to prevent them from sinking.

They can continue their lives with all these precautions, yet they also know that these are not enough for their reproduction. They need a living being that will carry their pollen to another water lily, and this living being is a beetle (coleopteran) which has been created with a special weakness for white colour. They prefer these white water lilies out of all the attractive flowers of the Amazon River. When Amazon water lilies are visited by creatures which will continue their species, they close all their leaves, imprison them, and offer them ample pollen. They let them free after keeping them for one night, and then change their colour so that they do not bring the same pollen back to them. The once pure white, glorious water lilies will now go on adorning the Amazon river in pink.

Could such flawless and finely calculated plans be the work of a bud unaware of everything? Of course not. They are the work of the wisdom of God, Who created all things. All the details summarised here show that plants, like all other living beings in the universe, came into existence already furnished with the most convenient systems, and this was thanks to their Creator.

CONCLUSION

Can the wind form an airplane by coincidence?

The famous physicist Sir Fred Hoyle makes a very striking observation about the origin of life. In his book *The Intelligent Universe* he writes:

The chance that higher life forms might have emerged in this way (by coincidence) is comparable with the chance that a tornado sweeping through a junk-yard might assemble a Boeing 747 from the materials therein.²⁴

This comparison of Hoyle's is quite inspiring. The examples that we have discussed above also reveal that both the existence of life and the perfection of its present systems force us to look for the great power making these come into being. Just as a hurricane cannot produce an airplane as a result of coincidences, neither is it possible for the universe to have come into being as a result of unanticipated happenings and moreover to harbour extremely complex structures therein. In truth, the universe is furnished with myriad systems of an infinitely greater complexity than those of an airplane

Everything we have said in this chapter confronts us with the evidence of the flawless planning not only in our immediate surroundings but also in the depths of space. One who assesses these signs which are so evident as to be undeniable by both reason and conscience can come to only one conclusion: there is no room for coincidence in the universe; the universe was Created with all the minutiae contained in it.

And God, the Creator of this flawless system, is He Who has infinite might and knowledge.

SCIENTISTS CONFIRM THE SIGNS OF GOD

What we have covered so far shows us that the attributes of the universe discovered by science point to the existence of God. Science leads us to the conclusion that the universe has a Creator and this Creator is perfect in might, wisdom and knowledge. It is religion that shows us the way to knowing God. It is therefore possible to say that science is a method we use to better see and investigate the realities addressed by religion. Nevertheless, today, some of the scientists who step forth in the name of science take an entirely different stand. In their view, scientific discoveries do not imply the creation of God. They have, on the contrary, projected an atheistic understanding of science by saying that it is not possible to reach God through scientific data: they claim that science and religion are two clashing notions.

As a matter of fact, this atheistic understanding of science is quite recent. Until a few centuries ago, science and religion were never thought to clash with each other, and science was accepted as a method of proving the existence of God. The so-called atheistic understanding of science flourished only after the materialist and positivist philosophies swept through the world of science in the 18th and 19th centuries.

Particularly after Charles Darwin postulated the theory of evolution in 1859, circles holding a materialistic world view started to ideologically defend this theory, which they looked upon as an alternative to religion. The theory of evolution argued that the universe was not created by a creator but came into being by chance. As a result, it was asserted that religion was in conflict with science. The British researchers Michael Baigent, Richard Leigh and Henry Lincoln wrote on this issue:

For Isaac Newton, a century and a half before Darwin, science was not separate from religion but, on the contrary, an aspect of religion, and ultimately subservient to it... But the science of Darwin's time became precisely that, divorcing itself from the context in which it had previously existed and established itself as a rival absolute, an alternative repository of meaning. As a result, religion and science were no longer working in concert, but rather stood opposed to each other, and humanity was increasingly forced to choose between them.²⁵

As we stated before, the so-called split between science and religion was totally ideological. Some scientists, who earnestly believed in materialism, conditioned themselves to prove that the universe had no creator and they devised various theories in this context. The theory of evolution was the most famous and the most important of them. In the field of astronomy as well certain theories were developed such as the "steady-state theory" or the "chaos theory". However, all of these theories that denied creation were demolished by science itself, as we have clearly shown in the previous chapters.

Today, scientists who still keep to these theories and insist on denying all things religious, are dogmatic and bigoted people, who have conditioned themselves not to believe in God. The famous English zoologist and evolutionist D.M.S. Watson confesses to this dogmatism as he explains why he and his colleagues accept the theory of evolution:

If so, it will present a parallel to the theory of evolution itself, a theory universally accepted, not because it can be proved by logically coherent evidence to be true, but because the only alternative, special creation, is clearly incredible.²⁶

What Watson means by "special creation" is God's creation. As acknowledged, this scientist finds this "unacceptable". But why? Is it because science says so? Actually it does not. On the contrary, science proves the truth of creation. The only reason why Watson looks upon this fact as unacceptable is because he has conditioned himself to deny the existence of God. All other evolutionists take the same stand.

Evolutionists rely not on science but on materialist philosophy and they distort science to make it agree with this philosophy. A geneticist and an outspoken evolutionist from Harvard University, Richard Lewontin, confesses to this truth:

It is not that the methods and institutions of science somehow compel us to accept a material explanation of the phenomenal world, but, on the contrary, that we are forced by our a priori adherence to material causes to create an apparatus of investigation and a set of concepts that produce material explanations, no matter how counter-intuitive, no matter how mystifying to the uninitiated. Moreover, that materialism is absolute, so we cannot allow a Divine Foot in the door.²⁷

On the other hand, today, just as in history, there are, as opposed to this dogmatic materialist group, scientists who confirm God's existence, and regard science as a way of knowing Him. Some trends developing in the USA such as "Creationism" or "Intelligent Design" prove by scientific evidence that all living things were created by God.

This shows us that science and religion are not conflicting sources of information, but that, on the contrary, science is a method that verifies the absolute truths provided by religion. The clash between religion and science can only hold true for certain religions that incorporate some superstitious elements as well as divine sources. However, this is certainly out of the question for Islam, which relies only on the pure revelation of God. Moreover, Islam particularly advocates scientific enquiry, and announces that probing the universe is a method to explore the creation of God. The following verse of the Qur'an addresses this issue;

Do they not look at the sky above them? How We have built it and adorned it, and there are no rifts therein? And the earth - We have spread it out, and set thereon mountains standing firm, and caused it to bring forth plants of beautiful kinds (in pairs). And We send down from the sky blessed water whereby We give growth unto gardens and the grain of crops. And tall palm-trees, with shoots of fruit-stalks, piled one over another. (The Qur'an, 50:6-7, 9-10)

As the above verses imply, the Qur'an always urges people to think, to reason and to explore everything in the world in which they live. This is because science supports religion, saves the individual from ignorance, and causes him to think more consciously; it opens wide one's world of thought and helps one grasp the signs of God self-evident in the universe. Prominent German physicist Max Planck said:

Anybody who has been seriously engaged in scientific work of any kind realizes that over the entrance to the gates of the temple of science are written the words: Ye must have faith. It is a quality which the scientist cannot dispense with.²⁸

All the issues we have treated so far simply put it that the existence of the universe and all living things cannot be explained by coincidences. Many scientists who have left their mark on the world of science have confirmed, and still confirm this great reality. The more people learn about the universe, the higher does their admiration for its flawless order become. Every newly-discovered detail supports creation in an unquestionable way.

The great majority of modern physicists accept the fact of creation as we set foot in the 21st century. David Darling, astronomer and author, says:

There were no landmarks here. No galaxies, no stars. Only a heartbeat ago the universe itself began in the most titanic of explosions, an explosion in which all the matter and energy there would ever be spontaneously appeared and was borne swiftly out upon the stretching fabric of space. One second old was the universe, and it was filled exclusively with the steaming, fertile brew of creation.²⁹

Besides, it is already known that almost all the founders of diverse scientific branches believed in God and His divine books. The greatest physicists in history, Newton, Faraday, Kelvin and Maxwell are a few examples of such scientists.

In the time of Isaac Newton, the great physicist, scientists believed that the movements of the heavenly bodies and planets could be explained by different laws. Nevertheless, Newton believed that the creator of earth and space was the same, and therefore they had to be explained by the same laws. He wrote:

This most beautiful system of the sun, planets, and comets could only proceed from the counsel and dominion of an intelligent and powerful Being. 28

As is evident, thousands of scientists who have been doing research in the fields of physics, mathematics, and astronomy since the Middle Ages all agree on the idea that the universe is created by a single Creator and always focus on the same point. The founder of physical astronomy, Johannes Kepler, stated his strong belief in God in one of his books in which he wrote:

Since we astronomers are priests of the highest God in regard to the book of nature, it befits us to be thoughtful, not of the glory of our minds, but rather, above all else, of the glory of God.³¹

The great physicist, William Thompson (Lord Kelvin), who founded thermodynamics, was a Christian who believed in God. He had strongly opposed Darwin's theory of evolution and totally rejected it. He explained shortly before his death that "With regard to the origin of life, science... positively affirms creative power."³²

One of the professors of physics at Oxford University, Robert Matthews, states the same fact in his book published in 1992 where he explains that DNA molecules were created by God:

The whole process normally takes place in perfect harmony, producing a foetus, then a living baby, a child and finally an adult. Like so much in biology, the whole process is seemingly miraculous. How can such stunning complexity be produced from such simple beginnings? How, in short, does a single cell far smaller than the dot of this letter "i" produce a sentient being? Many of the processes involved remain mysterious, and constitute one of the most fascinating of all the Outstanding Mysteries.³³

Some other scientists who admit that the universe is created by a Creator and who are known by their cited attributes are:

Robert Boyle (the father of modern chemistry)

Iona William Petty (known for his studies on statistics and modern economy)

Michael Faraday (one of the greatest physicists of all times)

Gregory Mendel (the father of genetics; he invalidated Darwinism with his discoveries in the science of genetics)

Louis Pasteur (the greatest name in bacteriology; he declared war on Darwinism)

John Dalton (the father of atomic theory)

Blaise Pascal (one of the most important mathematicians)

John Ray (the most important name in British natural history)

Nicolaus Steno (a famous stratiographer who investigated earth layers)

Carolus Linnaeus (the father of biological classification)

Georges Cuvier (the founder of comparative anatomy)

Matthew Maury (the founder of oceanography)

Thomas Anderson (one the pioneers in the field of organic chemistry)

CONCLUSION

Unquestionably, nothing can be more important than the creation of man and his knowing his Creator. What we have done throughout the booklet is to try to comprehend a subject that is an issue of the utmost importance for every person.

We think it necessary to remind the reader at this point that one does not need reams of information to grasp that the universe and everything in it, including oneself, have been created. It is as much within the scope of the conscience and reason of a small child as it is within that of an adult to grasp that he was created. The prophet Abraham's words in the Qur'an are a very good example of what we mean.

The Prophet Abraham once lived in a community that did not believe in God and worshipped totem poles instead. Although he had never received any teaching about the existence of God, he had grasped with his reason and conscience that he had been created—moreover, that he had been created by God, Who created the heavens and the earth. In the Qur'an it is related like this:

When the night covered him over, he saw a star. He said: "This is my Lord." But when it set, he said: "I love not those that set." When he saw the moon rising in splendour, he said: "This is my Lord." But when the moon set, he said: "Unless my Lord guides me, I shall surely be among those who go astray." When he saw the sun rising in splendour, he said: "This is my Lord; this is the greatest (of all)." But when the sun set, he said: "O my people! I am indeed free from your (guilt) of giving partners to God. For me, I have set my face, firmly and truly, towards Him Who created the heavens and the earth, and never shall I ascribe partners to God." (The Qur'an, 6:76-79)

As we see in the example of the Prophet Abraham, everyone who has reason and conscience and, more importantly, who "does not reject in iniquity and arrogance" is capable of understanding that the universe was created and, moreover, that it was created with a great order and plan.

No doubt the state of those who reject the existence of God, despite all the manifest signs displayed for all to see, is quite astonishing to those who have reason and conscience. In the Qur'an, the following is stated about those who do not believe in God's power of creation:

If you marvel (at their want of faith), strange is their saying: "When we are (actually) dust, shall we indeed then be in a creation renewed?" They are those who deny their Lord! They are those round whose necks will be yokes (of servitude): they will be companions of the fire, to dwell therein (for aye)! (The Qur'an, 13: 5)

The things related in this booklet are more important than anything else in your life. Perhaps you have so far failed to give due consideration to the importance of this subject or perhaps you may never have even thought about it before. However, be assured that to recognise God, Who has created you, is more important and urgent than anything else you can do.

Think about what He has granted you: you live in a world subtly-planned down to its slightest detail and created specially for you. You had no part in this process. You opened your eyes one day and found yourself amidst countless blessings. You can see, you can hear, you can feel...

And it is so because He willed such a creation. In a verse it is said:

It is He Who brought you forth from the wombs of your mothers when you knew nothing; and He gave you hearing and sight and intelligence and affections: that you may give thanks (to God). (The Qur'an, 16:78)

As stated in the verse, it is none but God Who has given you everything you own and Who created the universe you live in. Therefore, come and submit your whole self to God and be grateful to Him for all the

blessings He has endowed you with and thereby earn an eternal reward. If you do the opposite, you will be showing ingratitude and exposing yourself to a penalty that, by the will of God, shall last forever.

Be assured: He does exist and He is very close to you...

He sees and knows everything that you do, and hears every word you utter...

And be assured that everyone, including you, will soon give account to Him...

*They said,
Glory be to You!
We have no knowledge
except what You have taught us.
You are the All-Knowing,
the All-Wise*

(Surah Al-Baqarah: 32)

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