

- Professor Crooner has quoted this verse as an evidence to explain that this could not come from Muhammad or from any human source at Muhammad's time. He further said about Muhammad (pbuh) ... a person who did not know anything about Nuclear Physics 1400 years ago would not, in my opinion, be in a position to discover through his mind, for example, that the earth and the heavens had the same origin nor other issues that we have discussed' (p. 26)

What concerns us is the professor saying that the heavens and earth had the same origin which means they were joint Such a discovery is a scientific miracle of the Holy Qur'an.

As an acknowledgement of the young minds, in 1993 one of my students at Faculty of Education, Sana'a University said: 'There is another miracle in the same verse' 'What is it?' I questioned. She asked "Who discovered that the heavens and the earth were joint in modern time? Muslims or non Muslims?" I said "Non Muslims". She said: Then Allah said, "Have not those who disbelieve..."

A. Expansion of the galaxies around our galaxy guides us to Allah, the One:

We will move now to another verse that says: "With power did We construct the heaven. Verily, We are Able to extend the vastness of space thereof" (Ath-Thariat, 47). Ibn Juraij explained the meaning of "We are Able to extend the vastness of space thereof" saying 'able to create similar heaven' (As-Sayouti, nd, vol 7/623). Ibn Jareer adopted this interpretation which was, in fact, the same saying of Ibn Abbas, Mujahid and Qatadah (See Ibn Jareer, v.13/11). There is always a heaven under composing and this universe is always extended like a balloon that extends whenever air is blown into it. Extension of this universe and this heaven happens every moment. As Mary T. Brook (Brook, nd) indicates that:

Whenever huge space shuttles goes further in space, more and more galaxies are discovered. The Milky Way Galaxy is only one of millions of galaxies that fill the heaven in a distance of ten thousand million light-years. This is the furthest distance that we can observe recently. Galaxies form the bricks from which this vast universe is composed. The distances that separate them from each other are estimated to be some million light-years, though these distances are not fixed in that galaxies seem as if they move apart from each other. The whole universe appear as a balloon that is blown".

The universe expands and; as it expands new stars emerge. In other words, new heaven is formed. Khader (1987) said regarding this expansion: "The new secrets are that the birth of stars and galaxies in this universe is continuous. ... The universe has to extend and expand." (p. 250). There is then new heaven formed as the interpreters said. Within such scientific miracle falls the miracle of the signs of Allah's Best Name in relation to the oneness of the Creator. After calculating the speed or speeds of universe extension, Khader said:

If communities of galaxies continuously extended in the past, to reach a reliable measure that requires that the substance of all communities of galaxies before the reliable period (7000 million year) was dense and joined. Then they started to get apart and to extend

after they were unified, and that assures the unity of the beginning of this universe, which, in turn, indicates the oneness of the Creator, the Oneness of Allah the Exalted. (p. 107)

We have already proved that:

- the universe works in a unified action,
- the universe was originally a unified mess, and
- the universe is expanding like a balloon.

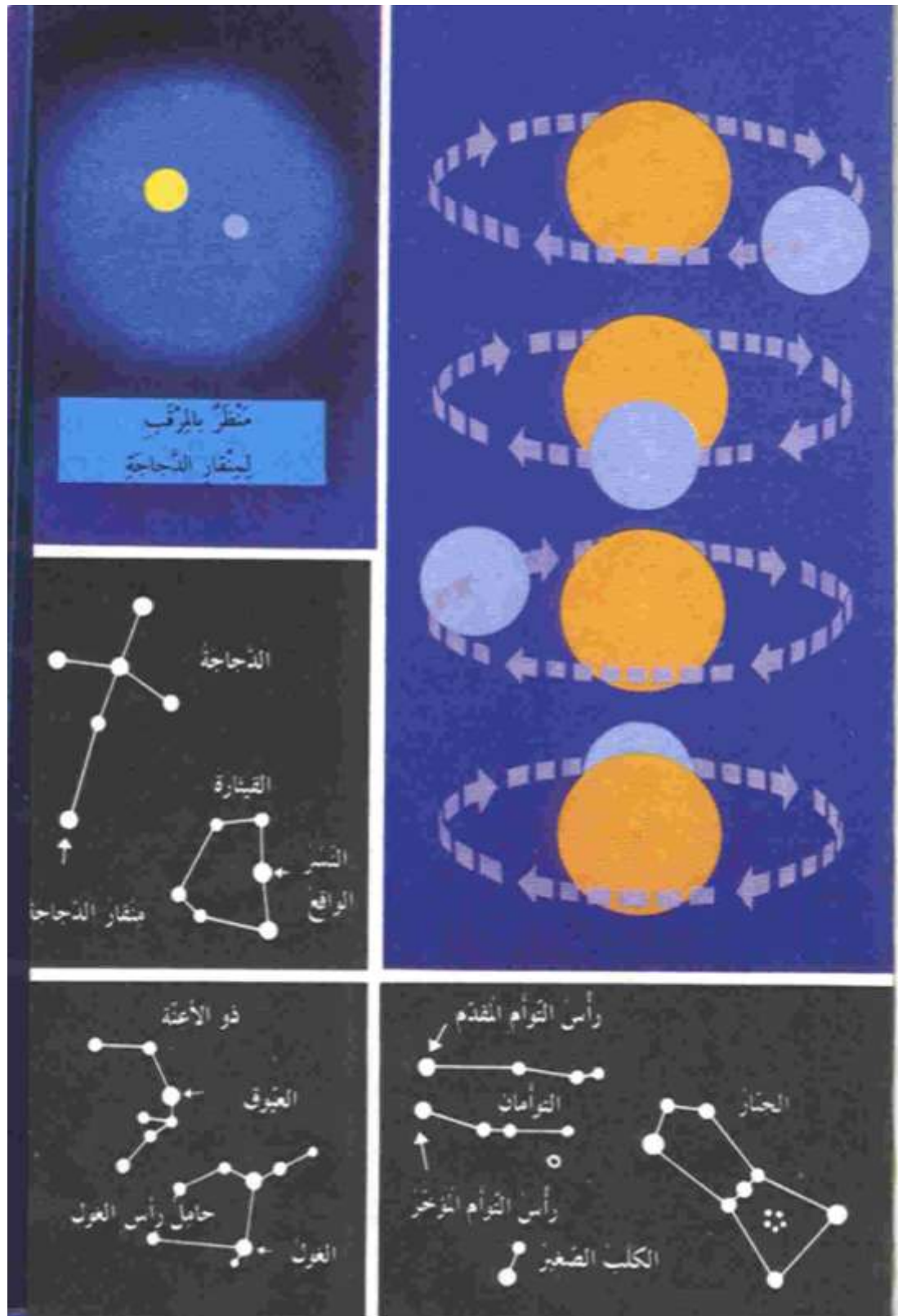
All these issues indicate the unity that indicates the oneness of Allah the Exalted.

B. The phenomenon of pairing in every thing guides to Allah, the One:

Let's look at the following verse from the Holy Qur'an: "And of everything We have created pairs, that you may remember (the Grace of Allah)." (Ath-Thariat: 49). To explain the meaning of this verse, scholars said (see Ibn Jareer, vol. 13/12) that Allah the Exalted have created for every creature a mate that is different in sex. Men, women and plants are examples. Allah the Exalted said, "Glory be to Him, Who has created the pairs of that which the earth produces, as well as for their own (human) kind (male and female), and of which they know not" (Yaseen: 36). So, there are pairs of what the earth produces: Palm trees is of two kinds: male and female. Figs, apples, apricot, and so on are all of two kinds male and female. Human also is of male and female. Also among things that people do not know, pairing is found. Such discovery was not known before. For example, the atom nucleus consists of the proton and the neutron; some stars are in pairs; ...etc. Quraish (the tribe of Prophet Muhammad 'pbuh') did not know any of the above-mentioned things save the human. They did not possess any observatories or satellites that would discover the space. The pairing phenomenon in every thing indicates that there is one God who created it like this. It also indicates that Muhammad (pbuh) is a messenger of Allah and that the Qur'an is from Allah. How would the unlearned Muhammad (pbuh) talk about pairing in everything while it was not known until recent time, as in the case of the atom?

We can conclude from the previous arguments the following:

- The unified action indicates the One God.
- The unified substance indicates the One God.
- The universe expansion like a balloon indicates the One God
- The Pairing phenomenon in everything indicates the One God.



Comments: Doubled Stars

Sources: Brook (nd) The heaven at night (the Royal Observatory, Edinburgh)

The Meaning of Allah the One and Allah the Only One:

Both names mean that Allah the Exalted is indivisible and cannot be doubled. If two Gods exist, they will differ. Allah said, “No son (or offspring or children) did Allah beget, nor is there any god along with Him; (if there had been many gods), behold each god would have taken away what he had created, and some would have tried to overcome others!” (Al-Mu’minoan: 91). What does it mean Allah is One? Allah said, “Say! He is Allah, (the) One” (Al-Ikhlās: 1), which means that He the One and the only One with no equivalent, viceroy, match, resembling or parallel. The term One is strictly assigned in affirmation to Allah alone since He is the Perfect in all His attributes and actions (Ibn Katheer, 1986 vol. 4/609).

The morality that results from believing in the Name of Allah: the One by Muslims.

The true strong faith is the one that enlightens the soul and the soul is content with it. Then it spreads outside the soul of the human body and appears in actions and sayings reflected in the universe, life and human. O Muslim brother! To believe in the Name of Allah, the One, demands you to work to prove the Oneness of Allah in people’s faith and ritual practices by devoting them to Allah, the One, and carrying out the orders of Allah, the One, in all life aspects. Believing in the Name of Allah, the One, leads you to work for unifying Muslims’ actions; to work with them to carry out the orders of Allah, the One, so that human life would be in harmony with the unified system of Allah in this universe. Your believing in the Name of Allah, the One calls you to work for unifying Muslims – all Muslims. How would you look at the unity of the harmonically organized and balanced universe and you lose such harmony and balance in Muslims’ life that you do not work for unifying them on the basis of Allah’s system? Your believe in the Name of Allah, the One, requires you to be one of the unifying pioneers propagates. It requires you also to try to be unique in your knowledge, action, and lightening. As Allah is One and the Only One, you should be unique in things that bring benefits and think that whatever you get is from Allah, the One who created you.

(Supplications)

- Our God! You are the One. So, help us to call to Your path and to work according to Your Distinctive Approach to make the man affiliated with his human brother, universe and life.
- Our God! You are the One and the only One. So grant us sincerity to You only.
- Our God! Pour forth on us patience and establish our feet firmly when we try hard to apply Your Distinctive Approach in our life and the life of all others.
- Our God! Help us to unify those who believe in Your Oneness that they deliver Your Message to all creatures.
- Our God! We seek refuge on You from associating deliberately with You. We ask Your forgiveness of doing so without knowledge.
- My God! Help me to remember, thank, and worship you best.
- My God! You are my Lord; there is no God but You; You created me and I am your slave. I try to keep my promise and my oath to you as much as I can. I seek refuge on You from the evil which I commit. I return to You with Your blessing upon me; and I return to You with my sin to forgive that to me since no one could forgive sins except You.
Amen.

The signs of Mercy lead to the Gracious the Merciful

The signs of Mercy in modern science:

I was a teacher in Ra'sul-Ain Secondary School, East Syria. I used to live in garden-like house. One day, I found a fledgling on the ground under a tree, that had very little feather and could hardly move. I knew that it fell from the tree, so I looked up and saw a nest on the top of the tree. I could not put it back, so I put it into another nest by the wall. The next day I found it dead in front of the second nest. I then recognized that the owners of the second nest did not have compassion like that of the fledgling mother and that led them to through it out of the nest hungry and lonely. So, it died. Who has created the compassion and mercy in its mother's heart that accommodated it in the first nest? It must be Merciful He who created mercy in the hearts mothers to take care of their children, provide them with what they need and keep patience till the end of the path.

I used to think that the lack of mercy among the second nest's owners was a common behavior for all animals and birds. I found an exception of such behavior, however, among wild ducks. To save the fledglings' life of the sheldrake (a type of wild ducks), the mother makes a wise maneuver and sacrifices its life for the life of its children. Another female sheldrake soon adopts those orphans. The dead mother may have had adopted some orphans before and so on. Is not this a manifested example of motherhood, sacrifice, solidarity and orphan sponsorship?

Examples of mercy among animals and birds are too many. The following are some:

- Oxilocop is an animal that lives in spring alone. Whenever it lays eggs, it dies. So, they do not see their children or live to help them find their food and protect them. Children are unable to find their food for a full year. The mother takes a piece of wood and makes a rectangle hole in it, bring spadces and sugar leaves and fills that rectangle hole. Then it lays a single egg, brings sawdust and makes dough to be used as a ceiling for the first egg. It lays another egg and follows the same steps for each one. When eggs hatch, each one would find enough food for one full year (Abu Khalil, 1987). Who inspired the mother to save food like this? It must be ever merciful, otherwise such a bird would have had become extinct.
- Koala is a type of bears that lives in Australia. It lives on eucalyptus leaves and soft twigs. When the time of baby's weaning comes to stop sucking and start eating eucalyptus leaves, a strange thing happens. The mother's body starts to discharge an easy to digest eucalyptus extract every two days in the afternoon for one month. Such extract facilitates the food transfer from milk to leaves and twigs (Nawfal, nd.) Is it the blind nature that teaches the Koala to train its babies gradually every other day using this eucalyptus extract produced in its body for on month? Our minds cannot and never accept this.

- The elephant female is calm and meek; it rises, however, if its baby comes close to any danger and protects it till the last moment of life. Sometimes it is shut and bleeds copiously but continues to protect its baby till death. Who has created such mercy in its heart?

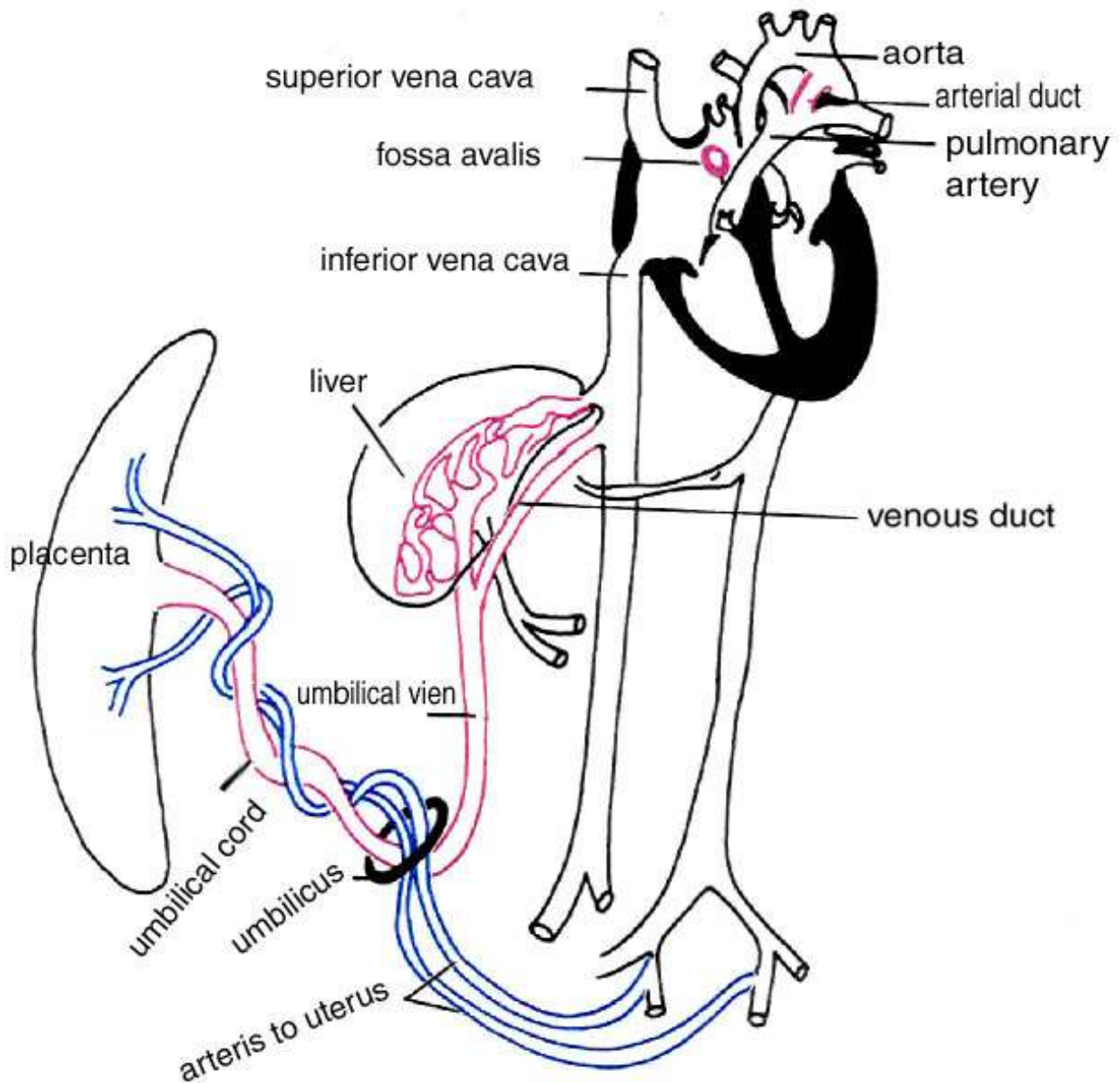
Who has inculcated the wild predatory animals with mercy that they do not raven their babies? Big and adult wolves and dogs, for instance, do not bite the young ones whatever action they commit even if the young one is stranger. However, when the young becomes an adult, it becomes liable to punishment if it attacks others' rights (Abu Khalil, 1987).

Mercy is not the property of animals only; it is rather more manifested in human mothers. Mercy in human is permanent. Each one of us may have seen countless examples and told many stories about such mercy that is daily observed in our own mothers. Funny stories about mercy in human mothers are frequently told. Mothers, for example, start to make strange and funny colored and decorated cloths for their babies before they are born. It is frequently observed that mothers usually leave their sleeping babies on beds where they do not see or hear them. When a baby wakes up and starts crying, his mother starts to tell that the baby is crying? Who told her? She feels the flow of milk in her breasts. Some psychologists may say that it is the time of feeding that makes milk flows in the breasts systematically. It could be an acceptable interpretation if the milk flows only during the feeding time; but many mothers feel such flow even when it is not the feeding time. More astonishing when the baby is sick, that his mother knows he is awake or he is crying from a far distance. Who has wirelessly connected or facilitated the wireless communication between the mother and the baby? Such mercy in the hearts of the mothers whether human or non-human is delivered to the fetuses from the first moment of the creation by which they live; and it continues till they are born.

Signs of Mercy on the fetus in breathing and nutrition:

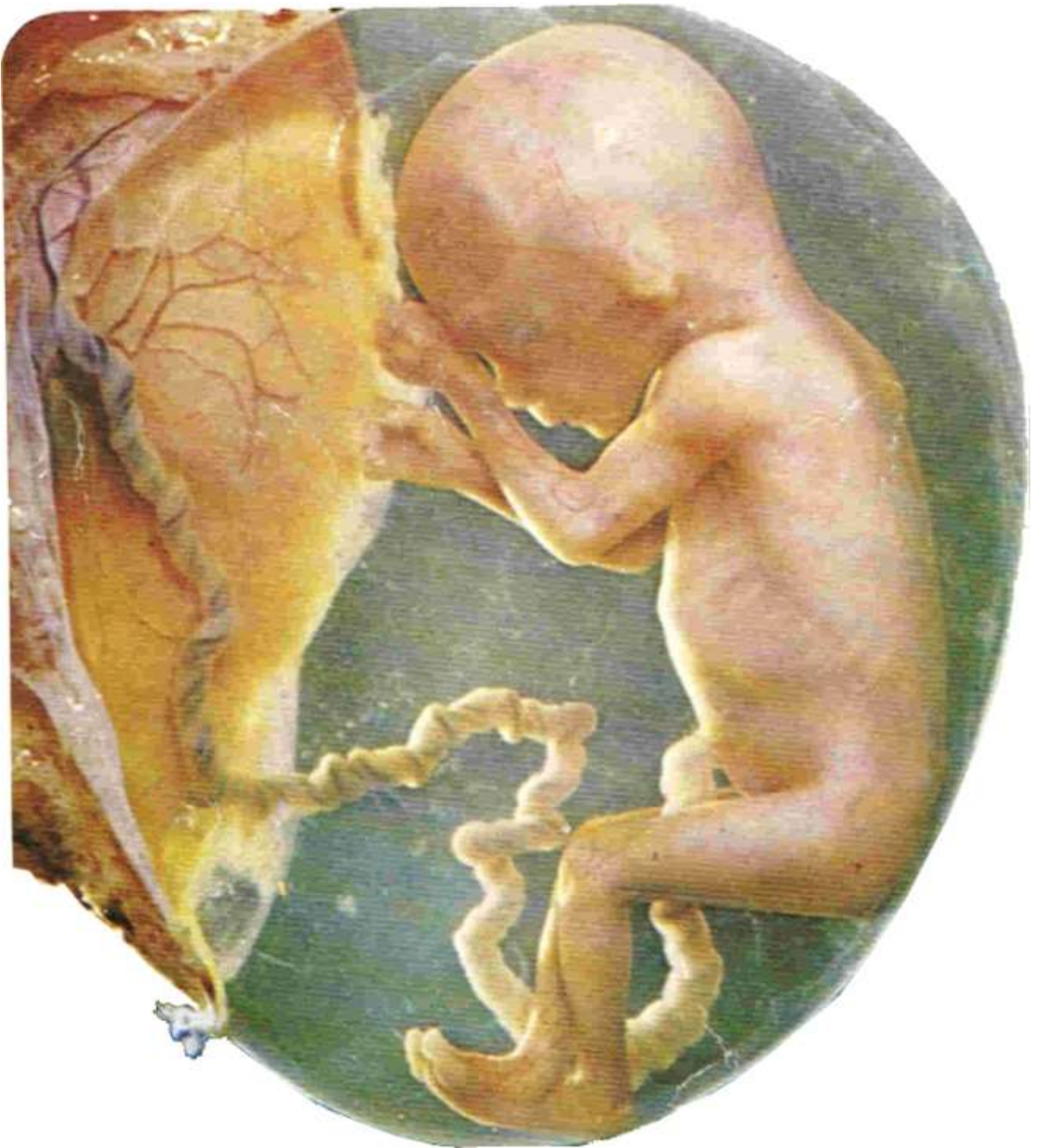
The fetus blood circulation system is not adjusted so that he breathes through placenta not through lungs; rather it is our system that is adjusted after birth to breathe through lungs. The fetus system is simple and light because there is no need for it at that stage. The blood that flows from the heart through pulmonary artery goes directly to the aorta through a connecting arterial canal between the pulmonary artery and the aorta. Only very little of the blood goes to the lungs. The blood that comes back through both superior and inferior vena cava to the right auricle goes directly to the left auricle through special opening between the two auricles. In other words, there are blood outlets that switch blood from going into lungs and be overwhelmed with unnecessary blood. The dark blood goes to the placenta through arteries and spreads there through which nutrition and breathing takes place before the blood goes back through large vein that carries red blood in a special cord that connects the fetus cord and the placenta called umbilical cord. Adjustment takes happens immediately after the

birth where circulation is shifted from the placenta to the lungs that are inflated in the chest, and the aforementioned canal, opening and umbilical vessels are closed after each of them had done its job well. It is an amazing proficiency and unbeatable engineering. The human being is always between two of the Gracious fingers, and the above is an example taken from the life of the fetus. There are countless things that should be known and secured at the exact time and the exact quantity to make the life of the fetus possible (Shafaqah, 1987).



Comments: The fetus circulation system is designed in a way to allow the fetus to breathe through placenta.

Source: Shafaqah, M. (1987). *The Deep-rooted site*. Ar-Riyadh: Dar Hassan. (p. 60)



Comments: The fetus inside the womb.

Source: Al-Bar, M. A. (1986). *The human creation in medicine and in the Qur'an*. Saudi: Al-Saudi House for Publishing and distribution.

The womb itself that contains the fetus and the placenta starts, after the egg is fertilized inside, to prepare itself with the mercy signs to such an egg. Dr. Al-Bar (1986) said:

The womb membrane grows tremendously, covered with thick layers of blood and nutrition. The womb's glands also grows tremendously as a preparation for holding the fertilized egg (the drop gametes). The thickness of the womb membrane at this stage is 8 mm (16 times bigger than it was at the beginning of the period). (p. 77)



Comments: How the womb is nurtured with blood.

Source: Al-Bar, M. A. (1986). *The human creation in medicine and in the Qur'an*. Saudi: Al-Saudi House for Publishing and distribution. (p.78)

There is no doubt that these signs of mercy in human and animal have to have a god who inculcated such mercy in hearts before and after the birth. He must be the Gracious and the Merciful.

The signs of mercy lead to the Gracious and the Merciful in the Holy Qur'an:

- Allah said: "His mother bore him in weakness and hardship upon weakness and hardship, and his weaning is in two years" (Luqman: 14).
- Allah also said: "The mothers shall give suck to their children for two whole years for those parents who desire to complete the term of suckling" (Al-Baqarah: 233).

Sayed Jumaili (nd.) indicates that the Holy Qur'an has determined two whole years for the child suck then prescribed his weaning. It is because after this period, the child would be able to depend on himself eating other food. The mother's milk after this period becomes fluid losing many of the nutritious components and becomes unable to satisfy the child's needs.

In his interpretation of the second verse 'And the mothers shall give suck to their children for two whole years', Al-Aloosi (1985) said:, "It is an imperative that came in the state of affirmative statement as an assertion, while it is optional or obligatory if the child cannot feed except from his mother or has no nurse or the father is unable to rent a nurse. The phrase 'mothers' in the verse was used to draw their compassion toward their babies. The term 'two years' describes the period to indicate real estimation and not something based on regular bargaining. The phrase 'for those parents who desire to complete the term of suckling' is a clarification of the one subject to this rule" (See: Al-Aloosi, 1985, vol. 2, 145-146).

Dr. Muhammad Abdul-Aziz, a medicine professor at Al-Azhar University said (Abdul-Aziz, nd):

Medical and psychological research proved that two years is a necessary period for the baby to grow healthy physically and psychologically. It was a blessing from Allah upon Muslims that He did not make them wait till they discover such a fact through experiments. It was a human issue that was not left for uncertain practices all this long time. Allah is ever merciful to His creatures, especially the very young, weak children who desperately need kindness and care.

He continued:

The best food:

It has been proven that mothers' milk is the best food for the following:

1. It contains great amount of protein, minerals and calories, which are essential to the growth of the baby to build his body tissues and cells. If these elements are not included in the baby's food, that will leads to leanness, weakness and lack of ability to face life.
2. It contains great amount of anti-biotic that is made in the body of the mother, which protects the baby against contagious diseases during the first years of his life.
3. It is sterilized food that is not contaminated by hands, factories or shops. Its purity and cleanness is guaranteed and it is protected against germs and microbes.
4. It reaches the body of the baby in suitable temperature; the human temperature, resulting in no digestive disorders at all.
5. It is ready upon the baby request at anytime.
6. It is the cheapest milk; with no cost at all.

The mother's milk during the days after delivery contains a huge amount of anti-biotic that kills germs and microbes, and a large amount of proteins and minerals, but very little amount of fat since the baby's stomach cannot accommodate huge amount of fat" (p. 136-137).

Looking at the Qur'anic text we can find that the complete term for suckling is two complete years. The agreement between modern science and this text expresses the Mercy of the Lord of the universe to the human being while such a being is in the weakest situations after his birth. This agreement is a miracle of the Holy Qur'an. But what a miracle! It is a miracle, which indicates that the signs of mercy lead to the Most gracious the Most Merciful in His legislation to human beings and a scientific miracle that suckling should be for two complete years as modern science discovers.

The Almighty Allah, the Merciful, reminds us with his blessings upon us saying:

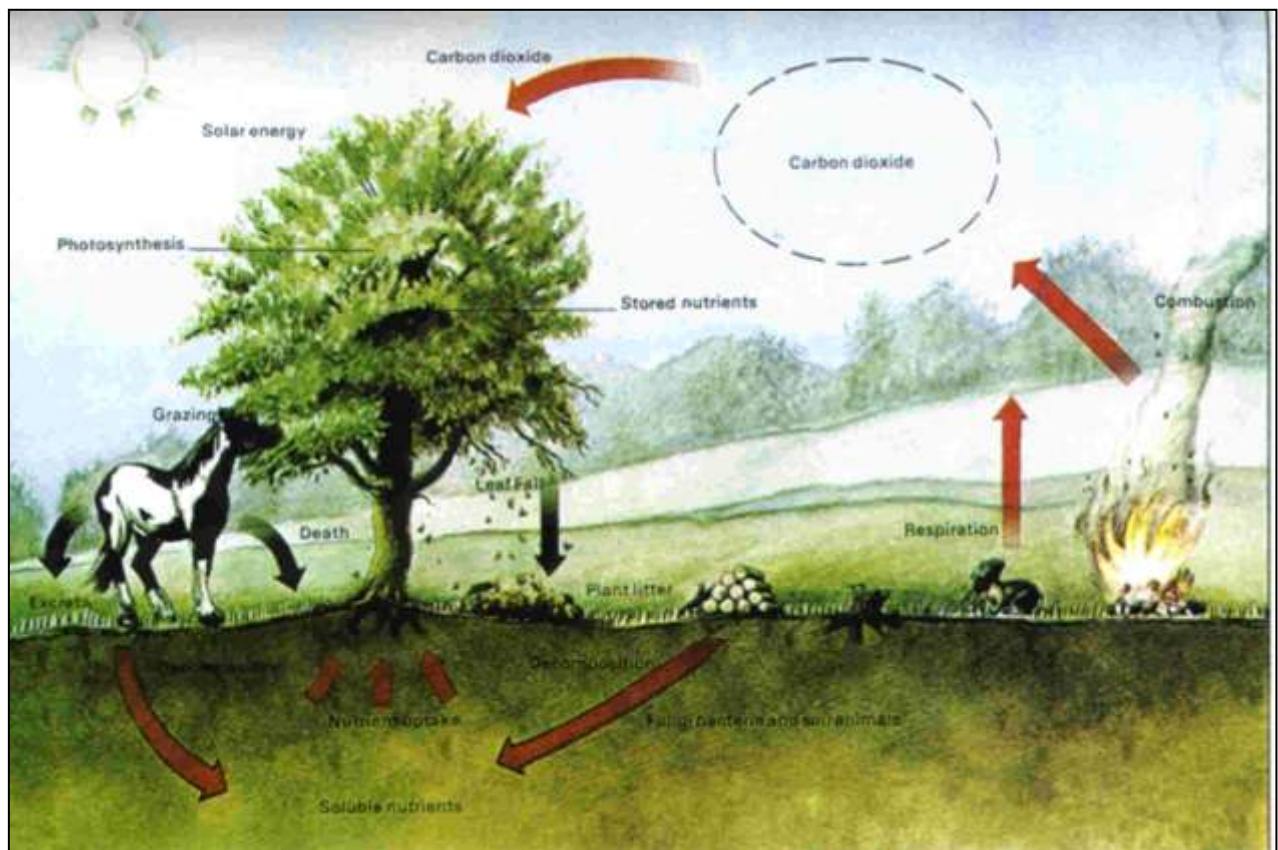
"It is He who sends down rain from the sky, and with it We bring forth vegetation of all kinds, and out of it We bring forth green stalks, from which We bring forth thick clustered grain. And out of the date-palm and its spathe come forth clusters of dates hanging low and near, and gardens of grapes, olives, and pomegranates, each similar (in kind) yet different (in variety and taste). Look at their fruits when they begin to bear, and the ripeness thereof. Verily! In these things there are signs for people who believe. (Al-An'am: 99).

As rain comes down, Allah brings forth vegetation of all kinds; He brings forth every thing that grows and related at once and in sequence with out the green color whether the plant is characterized by the chlorophyll or not. Allah brings forth "vegetation of every thing" that does not need photosynthesis because these formulas and organisms have stored food which replace the photosynthesis to the point that seeds may grow for long time far from light and green color. However, there is no planting without water even if all other planting conditions are made available (i. e., temperature, oxygen, vitality, seeds' maturity, passing calm period, available nutrition, farmer, ...etc.). It is a challenge for the whole universe, whether educated or ignorant, believer or disbeliever. The Chlorophyll appears as a result of heredity, nutrition or photosynthesis The growth curve starts to decline after it was going up.

If the chlorophyll is formed "We bring forth green stalks" the greenery start to appear and leaves and buds start to show while nutrition continues to be provided. Then the most important process in plant life happens, i. e., البناء الضوئي without which no life on earth would be found. Sun rises in the morning, and at noon the earth becomes extremely hot and when night comes heat goes and earth becomes cool. If there is no plants, carbon dioxide would fill the atmosphere and the oxygen ratio would not be balanced in earth, which cause life to disappear completely. After the chlorophyll is formed, the plant greenery growth begins by forming colors and chloroplast. This greenness results in البناء

الضوئي where the plant takes water and carbon dioxide as well as light energy to become then a perfect plant (the green stage). It starts with the appearance of flowers' buds, the forming of the flower hormone and the coming out of blossoms that give the thick clustered grains. Floralogists can decide exactly the type of any floral plant until it passes through growing, greenness, blossoming, and fruiting stages. Look at the verse again. It says: "green stalk", which indicates that some plants without chlorophyll and others may have the chlorophyll grows after a while. (See Abul Ata, nd.)

The largest tree in the world is the famous Giant in California. Its size and age is incomparable to any other living creature. It lives about 3600 years but its wood is has no economic value (Abul Ata, nd).



Comments: These signs of unity in this universe lead to believe in the One only. Look at the photosynthesis and look at the many factors in this universe for the plant to complete its life and to bring its fruit. It is only one sign of the mercy of Allah.

Source:

The Encyclopedia of Mushrooms (Colim Dickinson and Johni Ucas (p.41).

Comments: Among the signs of mercy is the pleasant feeling upon seeing.



Source: Abul Ata, N. K. (nd.) The plants Miracles in the Holy Qur'an. An-Noor Library.

The verse, which we have just seen, explains some of the blessing of Allah upon us. It is with no doubt one of the signs of His mercy and it leads to believing in Him. Among these blessings is the coming down of the rain, the bringing forth of the plants, the bringing forth of the thick clustered grains and the palm-trees with spathe and the paradises of grapes, olives and pomegranates. Then Allah said: "Verily! In these things there are signs for people who believe". What was mentioned among the blessings of Allah and the signs

of His mercy promotes any one to believe. This by itself is a miracle for the Holy Qur'an, in that the signs of mercy leads to believe in Allah who describe Himself in the second verse of the opening chapter (Al-Fatihah) as "The Gracious, The Merciful". This is beside the scientific miracle in the subject of the plant that brings forth green and greenless plants ...etc. If we trace the human animal, and plant life, we will find that Allah is ever merciful to all of them. He said: "and My Mercy embraces every thing" (Al-A'araf, 156).

The Meaning of the Gracious, the Merciful:

The gracious and the Merciful are two names derived from mercy, which give the meaning of 'the one who has mercy'. The first (the Gracious) has more meaning than the second (the Merciful). Az-Zajjaj (one of the recognized authorities in Qur'an interpretation) said:

"The name 'The Gracious' belongs to Allah only. It should not be denominated to any but Him. Some interpreters said: the Gracious is the merciful to all His creatures, creating them and giving them all they need. On the other hand, the name 'the Merciful' expresses specific mercy to his slaves who believe in Him that He guides them to the faith and

He grants them permanent reward in the Life After that does not come to an end”. (Az-Zajjaj, 1986, p. 28-29)

What should the one who believes that Allah is Gracious and Merciful do?

- Lowering unto parents the wing of submission and humility through mercy, serving them, obeying them, and praying for them after death.
- Treating spouse with mercy.
- Treating children with mercy reflected in kissing them, teaching them and selecting the best names for them ... etc.
- Listening to and comprehending the Holy Qur'an.
- Treating the family of the Prophet (PBUH).
- Asking Allah to grant all believers mercy.
- Giving charity to poor.
- Planting the feeling of mercy for the poor on the hearts of the affluent and strong believers.
- Mediating between believers in case of dispute.
- Teaching the Holy Qura'n since it contains the mercy.
- Avoiding despair of the Mercy of Allah.
- Showing all people the signs of mercy of Allah.
- Forgiving those who commit mistakes and then repent and apologize.
- Treating birds with mercy by feeding them and pondering on their creation specially when they fly.
- Starting any written work with “In the name of Allah, The Gracious, the Merciful”.
- Treating the entire universe with mercy on the basis of what each component deserves.

(Supplications)

- Our Lord! Let no our hearts deviates after you have guided us and grant us mercy from You. Truly, You are the Bestower.
- Our Lord! Make us enter into Your Mercy, for You are the Most Merciful of those who show mercy.
- Our Lord! You are our Protector, so forgive us and have Mercy on us, for You are the Best of those who forgive.
- But Allah is the Best to guard, and he is the Most Merciful of those who show mercy.
- My Lord! Forgive me and my parents and bestow on them Your Mercy as they did bring me up when I was small.
- Our Lord! Bestow on us mercy from Yourself, facilitate for us our affair in the right way.
- My Lord! I call You that distress has seized me and You are the Most Merciful of those who show mercy.
- Our Lord! We have wronged ourselves. If You forgive us not, we shall certainly be of the losers.
- My Lord! Judge You in truth! Our Lord is the Most Beneficent, Whose Help is to be sought against that which you attribute.
- Our Lord! We believe, so forgive us and have mercy on us, for You are the Best of all those who show mercy.
- My Lord! Forgive and have mercy, for You are the Best of those who show mercy.
- Our Lord! You comprehend everything in mercy and knowledge, so forgive those who repent and follow Your Way, and save them from the torment of the blazing Fire.
- Our Lord! Forgive us and our brethren who have preceded us in faith, and put not in our hearts any hatred against those who have believed. Our Lord! You are indeed full of kindness, Most Merciful.
- Our Lord! Punish us not if we forget or fall into error, our Lord! Lay not on us a burden like that which You did lay on those before us, our Lord! Put not on us a burden greater than we have strength to bear. Pardon us and grant us Forgiveness. Have Mercy on us. You are our Protector, and give us victory over the disbelieving people.