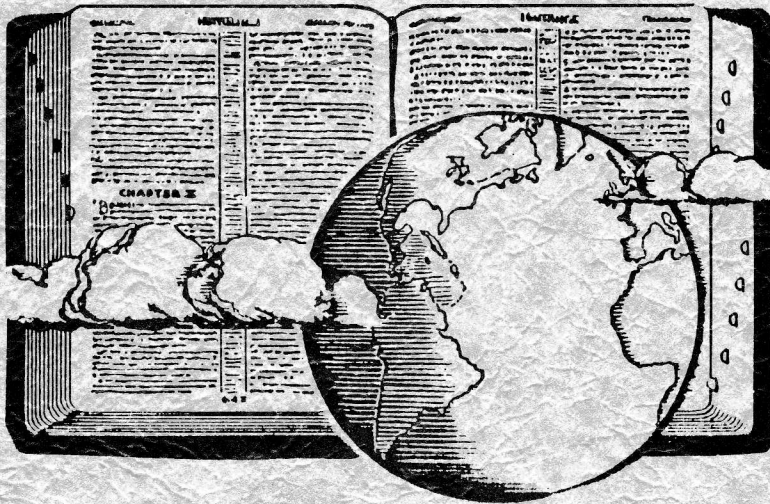




# Scientific Theories And Biblical Facts



By H. C. Vanderpool

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**Elder H.C. Vanderpool, Th.B; Th.M.**

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From  
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## **SCIENTIFIC THEORIES AND BIBLICAL FACTS**

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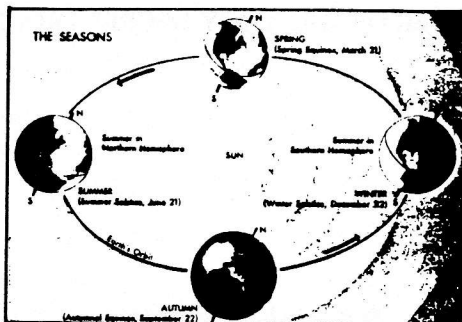
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## John 1:1-5

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## CHAPTER 1

# SCIENCE AND THE HOLY SCRIPTURES

It is the desire of this writer to examine the *theories of science* and *Biblical facts*, their harmony and their contrasts. When the theories of science are proved to be facts, they harmonize with the Scriptures. When the theories of science fail to be in harmony with the Bible, they remain just theories and not facts.

**THEORY:** A plan or scheme existing in the mind only; a speculative or conjectural view of something.<sup>1</sup>

**FACT:** Something that actually exists or has occurred; something asserted to be true or to have happened; reality or actuality.<sup>2</sup>

The word *science* appears twice in the Bible; once in the Old Testament and once in the New Testament.

"And the king spake unto Ashpenaz the master of his eunuchs, that he should bring certain of the children of Israel, and of the king's seed, and of the princes; Children in whom was no blemish, but well favored, and skilful in all wisdom, and cunning in knowledge, and understanding science, and such as had ability in them to stand in the king's palace, and whom they might teach the learning and the tongue of the Chaldeans." [Daniel 1:3-4].

The word *science* in this scripture is the Hebrew word *madda* and means *knowledge*.

The apostle Paul wrote: "O Timothy, keep that which is committed to thy trust, avoiding profane and vain babblings, and oppositions of science falsely so called:" [I Timothy 6:20]. The word *science* in this scripture is the Greek word *gnósis* and means *knowledge*.

In the scripture given above, the phrase "science falsely so called" is in the Greek "tēs pseudónomou gnósis" translated "the falsely named knowledge."<sup>3</sup> To learn something that is false, is to affect the Christian faith and behavior. Paul sustains this fact as he continues his message to Timothy, "Which some professing have erred concerning the faith." [I Timothy 6:21].

"The Problem of Assumptions: If the basic terms and the initial postulates of a *theory* are defined or stated so that they designate or pertain to rigidly specified properties or conditions, which either are directly observable or are imagined as existing in a rigidly structured model, the scope of the *theory* is restricted to the range of these properties or conditions and cannot be extended to include new *facts*."<sup>4</sup>

In the above reference are two words *theory* and *facts* that will be considered. Due to the scope of previous theories, even "facts" cannot be included with the things "imagined." Since the word "facts" means the truth, things as they are,

real; we see "theories" are accepted in this area of reasoning instead of "facts" which questions this method of reasoning.

"For it is written, I will destroy the wisdom of the wise, and will bring to nothing the understanding of the prudent. Where is the wise? where is the scribe: where is the disputer of this world? hath not God made foolish the wisdom of this world?" [I Corinthians 1:19-20].

The theme of this writing is to search and examine those theories of science with those related in scripture which have to do with inconsistency and with harmony.

### The Holy Scriptures

"All scripture is given by inspiration of God, and is profitable for doctrine, for reproof, for correction, for instructions in righteousness: That the man of God may be perfect, thoroughly furnished unto all good works." [II Timothy 3:16-17].

"For the prophecy came not in old time by the will of man: but holy men of God spake as they were moved by the Holy Ghost." [II Peter 1:21].

"As for God, his way is perfect; the word of the Lord is tried: he is a buckler to all them that trust in him." [II Samuel 22:31; Psalm 18:30].

"Every word of God is pure: he is a shield unto them that put their trust in him. Add thou not unto his words, lest he reprove thee, and thou be found a liar." [Proverbs 30:5-6].

The unity of the Bible is unique. Nowhere else have so many different treatises; historical, biographical, ethical, prophetic, and poetical, ever been combined making one book. It is combined as is the hewn stone and timber make up one building or as bones, muscles and ligaments make one body. This again, while indisputable as a *fact*, is unparalleled in literature; all the conditions being humanly speaking, not only unfavorable, but fatal to such combination.

"There are sixty-six books in the Bible, written by forty different men, coming from various conditions and circumstances in life, possessing varying degrees of culture from the shepherd to the statesman. These books were written in three different languages, during a period covering over sixteen centuries.

"The subjects on which they wrote were diverse and varied, and yet there is a doctrinal and structural unity pervading the whole. Notwithstanding all the divergent elements, they have produced essentially one book. Not only is the Bible as a whole an unrivalled phenomenon, but its features are all phenomenal, and none more so than this convergence of contents like rays toward one common focal point.

"Great cathedrals, like those of Milan and Cologne, occupied centuries in buildings. Hundreds and thousands of workmen wrought upon them. Surely no one needs to be told that behind and beyond these builders there must have been some one architect who built the temple in his own mind before the cornerstone was laid, who, first of all, drew the plans and furnished even the minute specifications; so that such structure owes its matchless symmetry, not to the

men of brawn that worked on it, but to that one man of brain that thought out the cathedral in its completeness.

The Bible is a stately cathedral. Many human builders have in turn wrought on the structure. Who is the architect? What one mind is that which planned and saw the whole building, before Moses wrote those first words in Genesis, which by no accident, as though to carve the architect's name on the vestibule, are these: *In the beginning God . . . .*"<sup>5</sup>

With the foregoing considerations of science and the texts from holy scripture, one might readily accept Biblical facts rather than scientific theories.

- 1 *Funk & Wagnalls Standard Desk Dictionary; Funk & Wagnalls Publishing Co., Inc., New York, 1979; Vol. 2, p. 701.*
- 2 *Funk & Wagnalls Standard Desk Dictionary; Funk & Wagnalls Publishing Co., Inc., New York, 1979; Vol. 1, p. 227.*
- 3 *Robertson, A.T., Word Pictures in the New Testament; Broadman Press, Nashville, Tennessee, 1931; Vol. 4, p. 596.*
- 4 *Collier's Encyclopedia, P.F. Collier & Son Corporation; New York - Toronto, 1960; Vol. 17, p. 101.*
- 5 *Bancroft, Emery H., Elemental Theology; Zondervan Publishing House, Grand Rapids, Michigan, 1945; p. 10.*

## CHAPTER 2

## SCIENCE AND THE SCIENCES

It has been written, "Every man and woman, every boy and girl, can be a *scientist*. This is based on common sense."<sup>1</sup> Thomas Henry Huxley, who explained Darwin's *theory* so simply, calls it nothing but trained and organized sense.<sup>2</sup>

The various types of knowledge have been tied up into parcels. This putting in order might be called the *classification of the sciences*.

The great scholar of early modern times, the English philosopher, Francis Bacon, almost gave up and said, "The divisions of the sciences are not like different lines that meet in one angle, but rather like the branches of trees that join in one trunk." He included under science (from the Latin *scire* meaning *to know*) everything that sprang from the imagination, memory and reason. "Imagination produces the fine arts, such as poetry, music and drawing. Memory produces history (natural and civil). Reason may be concerning God (theology), concerning nature (physics and metaphysics), and concerning man (psychology, logic, and ethics)."<sup>3</sup>

## 1. The abstract sciences

- A. Metaphysics – the science of all that is
- B. Logic – the science of thought and experience
- C. Mathematics – the science of quantity, size, and relationship

## 2. The natural sciences

- A. Physics – the science of matter and energy and their relations
- B. Chemistry – the science of the kinds of matter and their changes
- C. Biology – the science of living things and their histories

*Mixed Sciences*

Physical Chemistry – a link between chemistry and physics, that is, physical aspects of chemicals and chemical aspects of physical states

Biochemistry – the science of the chemical aspects of living processes

Biophysics – the science of the physical aspects of living processes

Geology – the science of the evolution of the earth from the physical, chemical, and biological aspects

## 3. The human sciences

- A. Psychology – the science of individual experience
- B. Sociology – a group of sciences of group experience

*Mixed Sciences*

Anthropology – the science of the development of human types and arts

Philology – the science of human intellectual development, especially language.



The sciences which deal with human society and the conditions in which it develops are sometimes called the *social sciences*. Anthropology, geography, economics, and government are a few of the fields of knowledge that are often called *social sciences*.<sup>4</sup>

Much effort has been devoted to the clarification of basic scientific concepts and assumptions. The general aim of these analyses is to provide a critique of abstractions in a twofold way: by formulating explicitly the functions of various principles and ideas in a specific subject matter and in specialized systems of knowledge; and by showing how the abstractions of science may be defined in terms of the materials of familiar experience.

The logical structure of a number of important scientific theories, such as the relativity theory in physics and the evolutionary theory in biology, has been made evident and sometimes improved by study.<sup>5</sup>

Earlier it was stated that true science harmonizes with the Bible and that scientific theories not in harmony with scripture are not to be accepted.

The following statement is very interesting: "Much reflection in recent years has been directed upon the material, social, and intellectual conditions under which the various sciences achieve a flourishing development, and upon the uses to which the sciences may be put in the interest of various social objectives.

"Many historical as well as analytical studies have been made in the attempt to establish definite connections between the character of science that is prevalent in a society, and the forms of political, economic, and religious organizations."<sup>6</sup>

1 *World Book Encyclopedia; Field Enterprises, Inc., Chicago, 1952; Vol. 15, p. 7261.*

2 *Ibid., p. 7261.*

3 *Ibid., p. 7261.*

4 *Ibid., p. 7262*

5 *Collier's Encyclopedia; P.F. Collier & Son Corporation, New York - Toronto, 1960; Vol. 17, p. 92.*

6 *Ibid., p. 93*

## CHAPTER 3

# METAPHYSICS – THE SCIENCE OF ALL THAT IS

Metaphysics is a branch of philosophy concerned with the nature of ultimate reality. A popular branch of metaphysics is *ontology* which deals with the philosophical *theory* of reality.

Metaphysics is concerned with describing the most general traits of reality. These general traits together define reality and would presumably characterize any universe. Because these traits are not peculiar to this universe, this branch of metaphysics will not be discussed, but rather the branch of *ontology*.

"The term *metaphysics* is believed to have originated in Rome about 70 B.C., with the Greek Peripatetic philosopher Andronicus of Rhodes. He used it in his edition of the works of the earlier Greek philosopher Aristotle.

"In the arrangement of Aristotle's works by Andronicus, the treatise originally called *First Philosophy, or Theology*, followed the treatise *Physics*. Hence the *First Philosophy* came to be known as *meta (ta) physica, or following (the) physics*, later shortened to *Metaphysics*.

"The subjects treated in Aristotle's *Metaphysics* (substance, causality, the nature of being, and the existence of God) fixed the content of metaphysical speculation for centuries.

"Among the medieval scholastic philosophers, metaphysics was known as the *transphysical science* on the assumption that, by means of the scholar philosophically could make the transition from the physical world beyond sense perception. The 13th century scholastic philosopher and theologian Saint Thomas Aquinas declared that the cognition of God, through the causal study of finite sensible beings, was the aim of metaphysics. With the rise of science in the 16th century and the reconciliation of *science* and *faith in God* became an increasingly important problem in metaphysics."<sup>1</sup>

According to the foregoing references, as time passes, scientific theories are becoming less coincidental with the teachings of God's word. Many scientific theories are antagonistic to divine revelation.

## Contrasts of Metaphysics and the Scriptures

METAPHYSICS: "To God nothing exists outside of good. God beholds only good in you."<sup>2</sup>

THE SCRIPTURES: "The Eyes of the Lord are in every place, beholding the evil and the good." [Proverbs 15:3].

"And God saw that the wickedness of man was great in the earth, and that every imagination of the thoughts of his heart was only evil continually."

[Genesis 6:5].

"Therefore the Lord hath recompensed me according to my righteousness; according to my cleanness in his eye sight. With the merciful, and with the upright man thou wilt shew thyself upright. With the pure thou wilt shew thyself pure; and with the froward thou wilt shew thyself unsavoury. And with the afflicted people thou wilt save: but thine eyes are upon the haughty, that thou mayest bring them down." [II Samuel 22:25-28].

"The Lord is in his holy temple, the Lord's throne is in heaven: his eyes behold, his eyelids try, the children of men. The Lord trieth the righteous: but the wicked and him that loveth violence his soul hateth." [Psalm 11:4-5].

"The eyes of the Lord are upon the righteous, and his ears are open unto their cry. The face of the Lord is against them that do evil, to cut off the remembrance of them from the earth." [Psalm 34:15-16].

"Thine eyes did see my substance, yet being imperfect;" [Psalm 139:16].

"Behold, the eyes of the Lord God are upon the sinful kingdom, and I will destroy it from off the face of the earth;" [Amos 9:8].

"And again, the Lord knoweth the thoughts of the wise, that they are vain." [I Corinthians 3:20].

"And the Lord smelled a sweet savor; and the Lord said in his heart, I will not again curse the ground any more for man's sake; for the imagination of man's heart is evil from his youth;" [Genesis 3:21].

As it was stated earlier, the doctrine of metaphysics declares, "to God nothing exists outside of good. God beholds only good in you." In contrast, all the scriptures that have been given declare that God sees all things, both good and evil, in our hearts and lives.

The following statement of a writer teaching the doctrines of metaphysics, in the name of Christianity, strikes at the very heart of the pure and sacred doctrines of Christ as taught in the holy scriptures. By comparing the following quote to the word of God see that they are in sharp contrast.

"Does your conception of God, people this world of His creation with a sort of supreme Devil and an army of smaller imps are busy day and night casting malign spells of sickness, poverty, fear, sin, misery and frustration upon the whole human race? If so, perhaps after all, you can hardly be blamed for such misconceptions of God. Even in this supposedly modern world of today entire religious organizations, denominations and churches blatantly teach the existence of these dark spirits, devils and imps cruelly torturing defenseless humanity with ungodly suffering, unholy plagues and final endless torment in a *Hell* of enduring horror."<sup>3</sup>

Once more, Bible believing people can readily see and understand that the above statement of the writer and teacher on beliefs embodied in metaphysics is a *scientific theory and belief* and not a *Biblical Fact*.

The following are some scriptures that refute the theory of science in the field of metaphysics, as given in the above statement.

"Now the serpent was more subtil than any beast of the field which the Lord God had made." [Genesis 3:1].

"So went Satan forth from the presence of the Lord, and smote Job with sore boils from the sole of his foot unto his crown." [Job 2:7].

"And he shewed me Joshua the high priest standing before the angel of the Lord, and Satan standing at his right hand to resist him." [Zechariah 3:1].

"Then was Jesus led up of the Spirit into the wilderness to be tempted of the devil." [Matthew 4:1].

"Ye have heard that it was said by them of old time, Thou shalt not kill; and whosoever shall kill shall be in danger of the judgment: But I say unto you, That whosoever is angry with his brother without a cause shall be in danger of the judgment: and whosoever shall say, Raca, shall be in danger of the council: but whosoever shall say Thou fool, shall be in danger of hell fire." [Matthew 5:21-22].

"And it came to pass, that the beggar died, and was carried by angels to Abraham's bosom: the rich man also died, and was buried; And in hell he lift up his eyes, being in torments, and seeing Abraham afar off, and Lazarus in his bosom. And he cried and said, Father Abraham, have mercy on me, and send Lazarus, that he may dip the tip of his finger in water, and cool my tongue; for I am tormented in this flame." [Luke 16:22-24].

"Put on the whole armour of God, that ye may be able to stand against the wiles of the devil." [Ephesians 6:11].

"Submit yourselves therefore to God. Resist the devil, and he will flee from you." [James 4:7].

"He that committeth sin is of the devil; for the devil sinneth from the beginning. For this purpose the Son of God was manifested, that he might destroy the works of the devil." [I John 3:8].

"To open their eyes, and to turn them from darkness to light, and from the power of Satan unto God, that they may receive forgiveness of sins, and inheritance among them which are sanctified by faith that is in me." [Acts 26:18].

"Be sober, be vigilant; because your adversary the devil, as a roaring lion, walketh about, seeking whom he may devour." [I Peter 5:8].

"Ye are of your father the devil, and the lust of your father ye will do: he was a murderer from the beginning, and abode not in the truth, because there is no truth in him. When he speaketh a lie, he speaketh of his own: for he is a liar, and the father of it." [John 8:44].

". . . God spared not the angels that sinned, but cast them down to hell, and delivered them into chains of darkness, to be reserved unto judgment;" [II Peter 2:4].

"Then shall he say also unto them on the left hand, Depart from me, ye cursed, into everlasting fire, prepared for the devil and his angels." [Matthew 25:42].

In the foregoing scriptures one can read about the existence and reality of the devil, his angels, a burning hell, eternal fire and everlasting punishment for those

who are not redeemed by God's grace through his eternal plan of salvation. Each person has a choice of accepting *theories of metaphysics* or *Biblical Facts*.

METAPHYSICS: "Why you have failed; Before you contacted the simple, yet dazzling Truth in this teaching about God, you have doubtless often wondered why you had failed, because you knew and you knew full well that your old, narrow, orthodox beliefs had not brought you health, happiness or riches. Simply because you built your beliefs about God upon the same false assumption which is the cornerstone of the bigotry, the superstition and the ignorance of the misguided 'religious leaders' around you. Briefly, that is the false teaching that God is a personal being, suspiciously human in all his attributes, to whom man owes fear, obedience, gifts, worship and devotion."

In contrast with the Bible, Dr. M.C. Hutchison denies that mankind should fear God, be obedient to God, give gifts to God, worship God, be devoted to God, or expect happiness through orthodox beliefs taught, as he says, by misguided religious leaders.

BIBLICAL FACTS: 1. Fearing God: "Then they that feared [*Heb. yare – revered*] the Lord spake often one to another: and the Lord hearkened, and heard it, and a book of remembrance was written before him for them that feared [*Heb. yare – revered*] the Lord, and that thought upon his name." [Malachi 3:16]. "And fear not them which kill the body, but are not able to kill the soul: but rather fear [*Greek. phobeó – to cause to fear, terrify*] him which is able to destroy both soul and body in hell." [Matthew 10:28].

2. Being obedient to God: There are one hundred and twenty scriptures that speak of obedience to God and his word. The following are only a few of those scriptures: "But this thing command I them, saying, Obey my voice, and I will be your God, and ye shall be my people: and walk ye in all the ways that I have commanded that it may be well unto you." [Jeremiah 7:23]. "Then Peter and the other apostles answered and said, We ought to obey God rather than men." [Acts 5:29]. "Whereupon, O king Agrippa, I was not disobedient unto the heavenly vision." [Acts 26:19].

3. Giving of gifts to God: "By faith Abel offered unto God a more excellent sacrifice than Cain, by which he obtained witness that he was righteous, God testifying of his gifts and by it he being dead yet speaketh." [Hebrews 11:4]. "And many brought gifts unto the Lord to Jerusalem, . . ." [II Chronicles 32:23]. "Will a man rob God? Yet ye have robbed me. But ye say, Wherein have we robbed thee? In tithes and offerings." [Malachi 3:8].

4. The worship of God: "Then saith Jesus unto him, Get thee hence, Satan: for it is written, Thou shalt worship the Lord thy God, and him only shalt thou serve." [Matthew 4:10]. "God is a Spirit: and they that worship him must worship him in spirit and in truth." [John 4:24].

5. Devotion to God: "Notwithstanding no devoted thing, that a man shall devote unto the Lord of all that he hath, both of man and beast, and of the field of his possession, shall be sold or redeemed: every devoted thing is most holy



unto the Lord." [Leviticus 27:28].

There are many contrasts between the teaching of metaphysics in the field of science, and the Biblical facts as taught in the inspired divine word of God.

Again, Dr. Hutchison said, "You knew full well that your old, narrow, orthodox beliefs had never brought . . . happiness . . ."<sup>5</sup>

In contrast to this statement we refer to scriptures. "Blessed be the God and Father of our Lord Jesus Christ, which according to his abundant mercy hath begotten us again unto a lively hope by the resurrection of Jesus Christ from the dead, To an inheritance incorruptible, and undefiled, and that fadeth not away, reserved in heaven for you, Who are kept by the power of God through faith unto salvation ready to be revealed in the last time. Wherein ye greatly rejoice, though now for a season, if need be, ye are in heaviness through manifold temptations: that the trial of your faith, being much more precious than gold that perisheth, though it be tried with fire, might be found unto praise and honour and glory at the appearing of Jesus Christ: Whom having not seen, ye love; in whom, though now ye see him not, yet believing, ye rejoice with joy unspeakable and full of glory:" [I Peter 1:3-8]. See also, [Psalm 116:1-7; Romans 8:16; II Corinthians 5:17].

In his lessons written and taught in the American Bible Institute, Dr. M.C. Hutchison in his course on *Practical Metaphysics* made this statement: "When our Founder conceived and organized the American Bible Institute, Inc., upon the Rock of Truth, that exalted truth being his own personal rediscovery of creative divine law, he built with deepest reverence and awe a course of lessons teaching a proven philosophy of such moral grandeur that almost overnight his occult doctrines were heralded as the one complete fulfillment of man's unsatisfied yearning for Light upon his darkened pathway."<sup>6</sup>

Here are thoughts for consideration: First, according to the writer of Hebrews, Christ has been the Rock of Ages upon which individuals throughout Old Testament centuries built their Spiritual houses. Second, according to the record [see footnotes at end of this chapter] Dr. Hutchison is saying the Rock of Truth was originated in 1957. If this were true, did the human race go for centuries without a Spiritual Rock and foundation of hope? Thirdly, has mankind yearned for Spiritual satisfaction for centuries without finding satisfaction? Studying these *metaphysical theories* along with *Biblical Facts*, one can judge for himself in these matters.

"There is none holy as the Lord: for there is none beside thee: neither is there any rock like our God." [I Samuel 2:2]. "The Lord is my rock, and my fortress, and my deliverer; my God, my strength, in whom I will trust; my buckler, and the horn of my salvation, and my high tower." [Psalm 18:2]. "The Spirit of the Lord spake by me, and his word was in my tongue. The God of Israel said, the Rock of Israel spake to me, He that ruleth over men must be just, ruling in the fear of God." [II Samuel 23:2-3]

"Therefore thus saith the Lord God, Behold, I lay in Zion for a foundation a

stone, a sure foundation: he that believeth shall not make haste." [Isaiah 28:16].

"And did all drink the same spiritual drink: for they drank of that Spiritual Rock that followed them: and that Rock was Christ." [I Corinthians 10:4]. "For other foundation can no man lay than that is laid, which is Jesus Christ." [I Corinthians 3:11].

Dr. M.C. Hutchison, writing on Practical Metaphysics quoted Mr. S.E. Nelson writing in *The Infinite Messenger*, who said, "Heaven is not a place but a state of mind. We are living in Heaven . . . or Hell . . . right now, according to the way we think."

For contrasts to these doctrines, the Bible furnishes us with many references. A few will be given here. "And while they looked steadfastly toward heaven as he went up, behold, two men stood by them in white apparel; Which also said, Ye men of Galilee, why stand ye gazing up into heaven? this same Jesus, which is taken up from you into heaven, shall come in like manner as ye have seen him go into heaven." [Acts 1:10-11].

"Seeing it is a righteous thing with God to recompense tribulation to them that trouble you; And to you who are troubled rest with us, when the Lord Jesus shall be revealed from heaven with his mighty angels; In flaming fire taking vengeance on them that know not God, and that obey not the gospel of our Lord Jesus Christ: Who shall be punished with everlasting destruction from the presence of the Lord, and from the glory of his power; When he shall come to be glorified in his saints, and to be admired in all them that believed (because our testimony among you was believed) in that day." Paul's message here was to the brethren at Thessalonica. [II Thessalonians 1:6-10].

Mr. Nelson said that "heaven" and "hell" were only a state of the mind. Dr. Luke tells us in the first chapter of Acts that Jesus left the earth and ascended into heaven, two locations, leaving one and going into the other.

When Stephen, a Christian martyr, was stoned to death for preaching, he looked away from his earthly position into heaven where Jesus was. At death his soul left the earthly tabernacle and ascended into the presence of God in heaven.<sup>7</sup>

The prophet Elijah had been travelling from one school to another where young prophets studied. On his last journey, Elisha, one of the younger prophets, followed Elijah eastward across the Jordan River. After a conversation between the two men of God, Elijah was taken up from the earth into heaven.<sup>8</sup> With Elijah, heaven was not a state of the mind, but rather a place of reality to which he went.

Often we hear someone make the statement, "I have been living in hell" or "he went through hell on earth" meaning that the person had experienced severe anguish, punishment physically or mentally. This being symbolic language, is not the hell "*gehenna*" of the Bible.

The word *gehenna* is used thirteen times in the New Testament, taken from the Old Testament "*Valley of Hinnom*" a pit where the refuse of the city of Jerusalem was burned, the smoke and flames ascending, ascending and never ceasing. Divine revelation speaks of "hell" and the "second death."<sup>10</sup> The doctrines of

metaphysics and the doctrines of Divine revelation have been submitted for examination. Each one can compare the *scientific theories* and *Biblical facts*.

### Logic – The Science of Thought and Experience

“Have you ever thought that it might just be possible that this earth on which we live could be the kindergarten of human existence? Could it be that this present little world of ours is just the starting point of man’s eternal progression?”<sup>11</sup>

Let us examine this statement by Dr. Hutchison. If we are to use the term “kindergarten” as a stage in our existence, then other educational terms of various levels must be used. First, a stage of infancy would need to be used, then ascending through kindergarten on to several other graduating levels until reaching the ultimate goal.

According to the Bible, from the natural birth to the natural death, is but one stage. “A time to be born, and a time to die.” [Ecclesiastes 3:2]. “A good name is better than precious ointment; and the day of death than the day of one’s birth.” [Ecclesiastes 7:1]. “For we brought nothing into this world, and it is certain we can carry nothing out.” [I Timothy 6:7]. We exist in this life on earth and there is but one other level of existence beyond this one, or stage in our eternal progression, and that is either heaven or hell. “Far above all principality, and power, and might, and dominion, and every name that is named, not only in this world, but also in that which is to come.” [Ephesians 1:21]. The souls of humanity are elevated while living on earth. “Verily, verily, I say unto you, He that heareth my word, and believeth on him that sent me, hath everlasting life, and shall not come into condemnation; but is passed from death unto life.” [John 5:24].

The natural bodies of those who are elevated spiritually, will be changed at the end of time. [See Romans 8:19-23; I Corinthians 15:11-58.] However, the unredeemed will pass into eternal punishment. “And these shall go away into everlasting punishment: but the righteous into life eternal.” [Matthew 25:46].

Once again we have the information for study from scientific theories and the inspired scriptures.

Dr. Hutchison continues, “The illumination: With the development of God consciousness there comes a blaze of intellectual enlightenment, an illumination which will raise you to a new plane of existence. There will come to you a new happiness, an exaltation, a joyousness you have never known before. When you reach this illumination you will know that you are immortal; not a belief in nor a hope for eternal life, but the consciousness of living eternal life here and now!”<sup>13</sup>

Dr. Hutchison added, “This illumination through God consciousness will transform your life, your thought, your soul. True religion will dominate your life, not the religions that are man-made for profit whose real “god” is mammon.

Your true religion will not depend upon traditions, it will be a true devotion. That same moment your illumination will so glorify your world of today that you will realize that, for you, there shall be no more death, neither sorrow, nor crying, neither shall there be any more pain; for the former things are passed away."<sup>14</sup>

The beginning of this statement is in direct contradiction to Dr. Hutchison's statement as will be found on page nine, with reference to man's devotion to God and spiritual blessings from the Lord during our pilgrimage on earth. However, the illumination spoken of by Dr. Hutchison is at the time of the new, Spiritual birth, "Therefore if any man be in Christ, he is a new creature: old things are passed away; behold, all things are new." [II Corinthians 5:17]. "But call to remembrance the former days, in which, after ye were illuminated, ye endured a great fight of afflictions;" [Hebrews 10:32].

Dr. Hutchison combined into one statement the experience of the illumination (during our earthly life) with our spiritual state that will be experienced after our natural death. He leaves one to believe that after the illumination, there will be no more sorrows, afflictions, death, pain or troubles. Paul wrote, "And as it is appointed unto men once to die, but after this the judgment." [Hebrews 9:27]. This natural death comes after the spiritual illumination (new birth, John 3). Also, the experience of that state in which there will be no more death, crying, pain or sorrow will be after the natural death when we have passed from this life into the eternal abode with God. [Revelation 21:4-5].

Once again the doctrines of science in this field should be compared with the divine writings of God's word. It is very important that one be privileged to study these two forms of teachings.

It has been stated earlier that, scientific theories that are proved to be true will harmonize with the scriptures. That the scientific theories which fail to harmonize with Biblical facts remain theories.

"Heaven and earth shall pass away, but my words shall not pass away." [Matthew 24:35].

1 Funk and Wagnalls Encyclopedia, Funk & Wagnalls, Inc. New York, 1979; Vol. 16, p. 209.

2 Hutchison, M.C., *Practical Metaphysics*, Kansas City, Missouri, 1957; Vol. 3, p. 17.

3 *Ibid.*, p. 18.

4 *Ibid.*, p. 47.

5 *Ibid.*, p. 47.

6 *Ibid.*, Vol. 14, p. 7.

7 Bible. Acts 7:51-60.

8 Bible. II Kings 2:1-11.

9 Bible. II Corinthians 5:1-8.

10 Bible. Revelation 20:11-15.

11 Hutchison, M.C., *Practical Metaphysics*, Kansas City, Missouri, 1957; Vol. 16, p. 4.

12 Bible. Hebrews 9:27; Ecclesiastes 12:1-7; I Thessalonians 4:13-16.

13 Hutchison, M.C. *Practical Metaphysics*, Kansas City, Missouri, 1957; Vol. 16, p. 6.

14 *Ibid.*, pp. 6-7.

## CHAPTER 4

# MATHEMATICS – THE SCIENCE OF QUANTITY, SIZE AND RELATIONSHIPS

Observations, measurements, inductive generalization and statistics the aspects of scientific method—by no means constitute the whole of scientific method. In a sense they are preliminary steps for the real task of science, the interpretation and explanation of experience. The initial objects with which scientists are concerned are the objects of perceptual experience, the things and events in the world about us, man himself included.

“The first steps in scientific procedure are all concerned with obtaining an accurate description or *quantitative* account of these things and events. The next step is the formulation of laws which link various events together in cause and effect relationships and which provide the basis for an explanation. The final step is the interrelation of the laws in one integrative system which provides the maximum unity of knowledge and the most adequate explanation of the facts. Such an integrative of experience in terms of laws is possible only through precisely defined concepts. Concept formation and the proper employment of concepts are, therefore, aspects of scientific method.”<sup>1</sup>

“The scientist, however, must insist upon reducing to a minimum the vagueness and the shifts in meaning of his concepts; otherwise the clarity and exactitude of thought necessary in science cannot be achieved. Ideally, every scientist aims at a system of meanings which is self-contained and complete. So far, however, only the mathematician has actually attained this goal. His system of numbers, for example, is precise in every respect and contains nothing which does not essentially belong to the system. The individual numbers have no existence and the number concepts have no meaning, except as members of the system itself.”<sup>2</sup>

“To understand clearly in what sense the various terms of a science are interrelated let us consider a simple example: a physical body in motion. In its measurable aspects a ‘body’ is something possessing expansion in the *three dimensions* of space.

“A body which offers resistance to any change in its state of rest or motion is said to be ‘physical.’ We are now touching upon another area, the natural sciences—the area of physics.

“All changes in the state of rest or motion of a body, which the physicist calls forces. The measure of such forces—and this measure alone is significant for physics—is given by equation  $F=kMa$ , where  $k$  is a constant,  $m$  stands for mass, and  $a$  for the acceleration of the body. Other terms can now also be defined.



"Momentum, for example, designates the quantity of motion measured by the product of mass times velocity, or momentum =  $mv$ ; work means the product of force times the distance through which the body acted upon moves, or  $W = Fs$ . Simple equations take the place of verbal definitions, and concisely and quantitatively defined concepts have become integral parts of a closed system—in this case of classical mechanics."<sup>3</sup>

### Mathematics and the Holy Scriptures

The most sacred and most profound doctrine of the Holy Scriptures is the doctrine of the Triune God. All references of Him are, God the Father, God the Son, and God the Holy Spirit, and that these three, though distinct from one point of view, constitute one God. Men have scoffed at this belief that God is One, and at the same time being three Persons. It is contrary to established and inalterable mathematical principles, they say, for Christians to maintain that  $1 + 1 + 1 = 1$  rather than 3.

It is unscientific and foolish, they are agreed that the God of the universe, even though they should grant for the moment that he might be a real personality, could be both One personality and three personalities at the same time. Therefore, it follows for them, that Jesus was not God in the Biblical sense at all.<sup>4</sup>

"However, as Dr. Nathan Wood, former president of Gordon College, has shown in a very remarkable volume, the doctrine of the Trinity is not only sound mathematically but is reflected in all *true science* in such a wonderful way that the assumed fact of an eternally existing Triune God is an inductive necessity before the universe, as science knows it today, can be explained at all.

"The doctrine of the Trinity is nowhere set forth in the Bible as an explicit doctrine. Rather, it appears indirectly, and yet perfectly naturally, as Jesus speaks of Himself and of the Father and of the Holy Spirit. Always the logical, causal order presented is: First, God the Father—the unseen Source and Cause of all things. Second, God the Son—who tangibly and visibly reveals the Father to man and who executes the will of God. Third, God the Holy Spirit—who is unseen and yet reveals God the Son to men through the media of other men and the Word which he inspired, and who makes real in the hearts and lives of men the experience of fellowship with the Son and the Father. Yet this is not an order of importance or length of existence. All are equally eternal and equally God—one God.

"The Son is presented as "begotten of the Father," the Spirit as proceeding from the Father through the Son. Now consider the physical universe which logically should reflect in very intimate ways its Creator. All knowable things in the universe may be classified under the heads of *space*, *matter* or *time*. Now space, at least as far as we can comprehend it, consists of exactly three dimensions, each equally important and absolutely essential. There would be no space, no reality, if there were only two dimensions. *Three distinct dimensions exist—yet each*

*comprises the whole of space. Yet there is just one space.*

"Note that to get the cubical contents of any certain confined space, one does not add the length and breadth and the width, but rather multiplies them together. Analogously, the mathematics of the Trinity is not  $1 + 1 + 1 = 1$ , but  $1 \times 1 \times 1 = 1$ ."<sup>5</sup>

The analogy is even more striking in matter. The new physics has come to regard matter more and more as "simply" tremendous energy in motion. Depending on the rates and types of motion, there are then various phenomena presented to our senses—sound, color, heat texture, hardness, etc.

"Energy is the unseen source manifesting itself in motion and thus producing phenomena. Matter involves these three phases and no others that cannot rightly be included in one of three. Each is distinct, yet each involves the whole of the matter, and none of the three can exist by itself without the other two. Energy is first in a logical, causal order, but not in order of importance or precedence. Motion, which embodies, reveals, and is begotten of energy, is the second. Phenomena proceed from motion and comprise the ways in which motion itself touches and affects men, even as the Holy Spirit reveals the Son and, through Him, the Father to men.

"Finally, the last of the triad, time, is one entity but consists of the future, the present, and the past. Each contains the whole of time, yet is distinct and, further, cannot exist without the other two. The future is the unseen source of time and is embodied and made real, moment by moment, in the present. The past then proceeds from the present, becoming visible again, yet continually influencing us with regard to the present, and helping us to interpret and understand the present and even, to some extent, the future."<sup>6</sup>

Thus every detail of the physical universe is remarkably cast in the same mold as that of the Triune God presented in the Bible. This cannot be coincidence. There must be an adequate reason for these resemblances which are so fundamental that they are likely to be quite overlooked or ignored.

But this same remarkable phenomenon can be seen in the realm of human life, as well. The Bible says that man was created in the image of God; so this should be expected.

Each individual is a person, who can be physically observed and described. But back of that person is his nature, which is unseen and yet is the source of all that the person embodies. But that person, and through the person his nature, is known to other men only through his personality, which is an unseen, intangible thing, yet is the way in which the person touches the lives of others. So, then, human life consists of three things—nature, person, and personality—and no others. They are equally important and equally the whole of man, yet always exist in the above logical order.

None of the three can exist without the other two. The nature is the source, revealed and embodied in the person. The personality proceeds from the person. It is invisible, but is felt and influences the lives of others in regard to the person.

Thus, man is, in minute detail, a finite reflection of God, who made him in His own image. It is true that sin has marred even this finite reflection but, nevertheless, man still reflects the image of God in an even more significant way than does the physical universe.<sup>7</sup>

"The doctrine of the Trinity is no unscientific, aboriginal absurdity, but an intensely scientific and tremendously important living reality. God was manifested and revealed by and in His Son, who as a man was Jesus Christ. There can be nothing more important for any individual then, than to become rightly related to this triuniverse and its Triune God. This means unreserved belief in Christ, for 'in him dwelleth all the fulness of the Godhead bodily.'"<sup>8</sup>

There are no perfect analogies of the Trinity for it is above finite comprehension and beyond human reason to understand. Many analogies have been advanced, which, though each falls short in some particular, aid us in understanding trinity in unity. Again, scientific theories which harmonize with the teaching of the Bible are recognized as true science. "The Bible is the great book of origins and destiny. It alone deals authoritatively with the two supreme questions, *Whence and whither*."—The American Bible Society.

"A skeptic had questioned the possibility of the Trinity. 'Tell me how the candle burns,' asked a believer. 'The tallow, the cotton and the atmospheric air produce the light,' answered the skeptic. 'But they make one light, do they not?' 'Yes,' was the reply of the one convinced."<sup>9</sup>

"Light is composed of three parts, one visible and two invisible; first, illuminative rays which affect our vision; second, chemical rays, which cause growth and give results of photography; third, the principle called heat, and separate from either. So there are three persons in one God, one visible and two invisible."—Bishop Warren.<sup>10</sup>

1 *Collier's Encyclopedia*, P.F. Collier & Son Corporation, New York – Toronto, 1960; Vol. 17, p. 98.

2 *Ibid.*, p. 98.

3 *Ibid.*, p. 98.

4 Morris, Henry M., *The Bible and Modern Science*, Moody Press, Chicago, 1956; pp. 24-25.

5 *Ibid.*, p. 26.

6 *Ibid.*, pp. 26-27.

7 *Ibid.*, p. 27.

8 *Ibid.*, p. 27.

9 Bancroft, Emery H., *Elemental Theology*, Zondervan Publishing House, Grand Rapids, Michigan, 1945; p. 40.

10 *Ibid.*, p. 40.

## CHAPTER 5

**THE AGE OF THE UNIVERSE**

In this chapter we will be dealing with the age of the universe, giving records presented by scientists and scriptures from the Bible as recorded over several centuries. The scriptures declare their harmony from Genesis to Revelation. Records reveal that there are many scientists who do not agree in various fields of science.

"Is the earth really billions of years old? No, according to 391 scientist members of the Creation Research Society. In fact, it cannot even be 20,000 years old, and is probably no more than 6,000-8,000 years, a period which fits in with Bible chronologies, but not with the theories of evolution!

"The evidence of this group has come from fields of science, population statistics, geophysics, geology, archaeology and practically any other field one could name.

"In thinking of God as Creator we must attribute to Him infinite and eternal power. This power must have existed before it was exerted and manifested in creation. As everything before creation is eternal, it follows that the creative power was eternal. Nor is this power impersonal. The simplest idea of power is that of ability to do something, and this is always connected with the thought of the personal. Hence, there is not power apart from those who possess and use it."<sup>1</sup>

The theory of evolution and divine revelation are found to be in sharp contrast to one another. This will be presented in this chapter. There is no growth and development within, no passing or evolving from one sphere to another, for all God's works are perfect. He is presented as distinct from nature as its creator, and comments upon it and commands that it is good. "Some writers see a gross discrepancy between the accounts of creation as found in Genesis and the indications suggested by the geological strata of the earth.

"According to these indications the material universe is of great age, just how great, no one seems to know of a certainty. There is a diversity of opinion as shown by the following:

"Prof. Ramsey makes the age of the universe fully 10,000 million years. Eugene Dubois makes it about 1,000 million years. Goodchild makes it about 700 million years. Darwin makes it more than 300 million years. Sir Oliver Lodge makes it more than 100 million years. Prof. Sollas has it about 55 million years, Dr. Croll makes it about 20 million years and Prof. Tait at almost 10 million years."<sup>2</sup>

"Man for hundreds of years has pondered over the origin of the earth. Even now he does not know how the earth originated. We do have some ideas from which reasonable conclusions can be drawn. The sun is likely the parent of the earth from which, during a period of disruption, all the bodies in the solar system

were formed.”<sup>3</sup>

This statement was made by the Curator of Geology, Milwaukee Public Museum, Milwaukee, Wis., who has a Master of Science degree. Note the words that “man still does not know how the earth originated,” adding, “the sun is likely the parent of the earth.”

A parent exists before an offspring. Mr. Nelson has the sun existing before the earth. “In the beginning God created the heaven and the earth . . . . And the evening and the morning were the first day.” [Genesis 1:1,5]. “And God said, Let there be lights in the firmament of the heaven to divide the day from the night; and let them be for signs, and for seasons, and for days, and years: And let them be for lights in the firmament of the heaven to give light upon the earth: and it was so. And God made two great lights; the greater light to rule the day, and the lesser light to rule the night: he made the stars also. And God set them in the firmament of the heaven to give light upon the earth, and to rule over the day and over the night, and to divide the light from darkness: and God saw that it was good. And the evening and the morning were the fourth day.” [Genesis 1:14-19].

For comparison we note: Mr. Nelson’s theory was that the sun could have been the parent of the earth. Moses, under inspiration of the Holy Spirit, wrote that the earth was created before the sun was created, and that God created them both.

At this point another scientist’s theory will be presented. “A nuclear factory maybe twenty-five times bigger than our sun blew up just before the solar system was born. The shock wave from such explosion could well be the trigger that formed the nebula into sun, moons and planets.”<sup>4</sup> One may wish to compare the two theories of these men.

The scriptures—sixty-six books—written over a period of 1,600 years and by forty different men, are found to be in perfect harmony. “All scripture is given by inspiration of God, and is profitable for doctrine, for reproof, for correction, for instruction in righteousness.” [II Timothy 3:16].

The following story appeared recently in the national news: “Massive Asteroid Hit Earth in Glacial Age: Scientists say a mountain-sized asteroid smashed into the South Pacific 2.3 million years ago and exploded with a force of 12 billion tons of TNT, sending so much water vapor aloft that it *could have* helped trigger an ice age, scientists have reported.

“A study published in the journal *Science* says the asteroid, more than a quarter-mile across and weighing more than 6 trillion pounds, hit the ocean just southwest of South America, near Antarctica, and splashed billions of tons of water vapor into the upper stratosphere.

“Frank T. Kyte, a member of the research team at the University of California at Los Angeles, said the asteroid actually could have been much larger than a quarter-mile across, but researchers can only confirm a minimum size. He said, with his colleagues, Lei Shou and John T. Wasson of UCLA, that they calculated the size of the asteroid by studying the composition and distribution of core samples taken from six sites on the Pacific floor.



"Kyte said the researchers were able to identify some of the samples as unmelted asteroid material heavily laced with salt. Other samples had metal grains, and all were rich in iridium, a chemical characteristic of meteorites. Kyte said the asteroid would have hit the ocean at about 12,000 miles an hour. The energy of the mass and velocity would instantly have been converted into an explosion that would have blasted water aloft and vaporized most of the asteroid, he said.

"It would have made any atomic bomb look like a toy, Kyte said in an interview. The explosion would have equaled the force of 12 billion tons of TNT, he said. The U.S. bomb dropped on Hiroshima in 1945 had a force of 19,000 tons of TNT. In what he said is strictly *speculation*, Kyte stated that tons of water vapor sent into the upper stratosphere by the blast *could have* formed clouds that reflected sunlight away from the Earth. This, he continued, *could have been* sufficient to cause a rapid decrease in global temperature and an increase within a season in the amount of land covered by snow.

"Kyte said the asteroid hit the ocean about the time that the last great glacier age started *about* 2.3 million years ago. *But he said he and his coauthors are not claiming that the asteroid triggered the glacier age*—only that the two events occurred about the same time and that the asteroid impact *may have* contributed to the cooling.

"Most scientists believe the glacier age, which lasted until about 10,000 years ago, was brought about by a gradual global cooling, perhaps triggered by a movement of the continents that blocked the exchange of warm water between oceans at the equator.

"Jim Kasting, an impact expert at NASA's Ames Research Center in California, said he regarded as "*highly speculative*" the *theory* that the asteroid impact could have added to the global cooling. Kasting said some studies have *indicated* that clouds, formed in the upper stratosphere by water splashed aloft by an impact, could actually contribute to warming the Earth by allowing sunlight to pass through and then trapping heat reflected from the planet surface. The clouds could warm or cool the planet, Kasting said, depending on their thickness."<sup>5</sup>

According to Biblical facts and chronological data, the age of the earth would be approximately 6,000 years. Scientists not being emphatic, use the words *estimate, theorize, suppose, assume, could have been, highly speculative, indicate, etc.*, for their claims.

The scientists spoke of the cooling and warming of the earth for long periods of time. Study this as contrasted by the scriptures. "While the earth remaineth, seedtime and harvest, and cold and heat, and summer and winter, and day and night shall not cease."<sup>6</sup> The Lord made this statement after the flood and destruction of the antediluvians, to Noah and all future generations.

While speaking of the Genesis flood, another point will be given at this time. "Prof. Harold Armstrong of Queen's University in Canada points out that statisticians have determined that the average human population doubles about every

150 years. By reversing the process, and dividing the world population by one-half each 175 years past, we arrive at a 'starting point' only about 4,000 years ago, a date close to the time of the Genesis flood. We have evolutionists saying, *the human race started some 50,000,000 years ago.*

"The Biblical deluge was both terrestrial and atmospheric in nature. Tremendous volumes of water poured from the heavens for forty days and nights. At the same time 'the fountains of the great deep were broken up' most likely great subterranean and subaqueous disturbances, which could have created great tidal waves and ejected great amounts of juvenile water. The great complex of hydrodynamic currents and forces thus generated would then undertake its divinely ordained mission of destruction and purification of the antediluvian world."<sup>7</sup> With the records stating the theories of a number of scientists, and the historical records provided from the Bible, one has a wide and varied field to study these matters.

### Magnetic Field

A literal reading of the Bible record will yield an age of only several thousand years for the earth. On the other hand, geologists usually estimate the earth to be several billion years old. This matter of geological dating is very important, both in estimating the earth's age and in fixing the absolute depositional date of the various formations. However, it is very detailed and involved subject and one that cannot be adequately handled here in such a brief compass.

"The chronometers most often used in the past have been the rate of cooling the earth, the deposits of sediment at the mouth of rivers as compared with the sedimentary deposits of the earth's surface, rates of erosion of the earth's surface, the amount of salt and other chemicals in the ocean, and radio-activity.

"Scientists now readily admit that all of these, except possibly the last, are not at all to be trusted and are of practically no value in calculating the earth's age.

"This admission would most certainly never have been made had not the estimates based on these methods turned out finally to be far too low to permit the present state of the organic world to have been attained by evolution. It is true, however, that the estimate obtained by each of the methods was stretched out of all justification so that the errors caused by the weakness inherent in the methods themselves were of such nature as to give too large an estimate. Nevertheless, the methods were discarded when they proved unsatisfactory to the *theory of evolution*. The only method that has been satisfactory to the evolutionists is the radio-activity method.

"It is known that metals of high atomic weight, such as thorium and uranium, are constantly being broken down into radium and eventually into an isotope of lead. The rate of this decomposition is believed to be constant.

"Consequently, when rocks are found containing uranium, thorium, or radium, and lead, the relative amounts of the two metals in rocks are taken as an

index of their age. However, there is no dependable way to estimate how much uranium or thorium may have been leached out of the sample.

"This is a common occurrence and, in fact, most deposits of radio-active minerals have actually been rejected for age determinations because of the belief that this had taken place. Neither is there any way of knowing how much radiogenic lead may have been originally deposited with the uranium or later introduced in some other way from another source.

"In fact, it is quite contrary to the whole tenor of historical geology to say that a deposit of radioactive metal could have remained unaffected by all the effects of telluric movements, igneous activity, ground water flow, chemical action, etc., for hundreds of millions of years or more, to be discovered near the surface in these present days."<sup>8</sup>

"Carbon 14 is an element found in all living things, and which 'decays' or loses its energy at a fixed rate after the date of the plant or animal in which it is found. The catch is, that if there was less Carbon 14 in the atmosphere and hence in living creatures in years past, as the stronger magnetic field would require, then the age of fossils cannot be dated by comparisons with living creatures today, since the fossil-creatures didn't have as much of this element in them to begin with. Robert L. Whitelaw, Professor of Nuclear and Mechanical Engineering at Virginia Polytechnic Institute, points out that the Carbon 14 content of the atmosphere has not, as evolutionists assume, been constant over the centuries. Professor Whitelaw, after calculating all factors involved, however, puts the creation about 7,000 years ago, well in keeping with most Bible chronologies."<sup>9</sup>

In this documentation of *Scientific Theories and Biblical Facts*, I add these contrasting views for your consideration:

"A number of methods have been suggested for estimating the age of the earth. One such method is to *assume* that the seas were originally composed of fresh water and have become salty as a result of the salts carried to them by the rivers of the continents. Thus, it is possible to calculate the planet's age from the total salt in the seas in relation to the amount of salt that modern rivers carry annually. This method, however, is subject to large *errors* because of the *assumption* that salt content of the rivers have been constant throughout geologic history."<sup>10</sup>

"Upon these *assumptions* which of course were wholly unwarranted and unreasonable, the age of the earth was estimated as, at the most 100 million years. Since it is extremely probably that the seas contained a great deal of salt to begin with and also that the rivers once were much larger than at present and that the rate of erosion was much more rapid, this estimate is seen to be enormously too large. However, it has been discarded by evolutionary geologists as too small."<sup>11</sup>

In consideration of the foregone statements, we check with the oldest known records in the world. "All these were joined together in the vale of Siddim, which is the salt sea."<sup>12</sup> "Then your south quarter shall be from the wilderness of Zin along by the coast of Edom, and your south border shall be the outmost coast of

Edom, and your south border shall be the outmost coast of the salt sea eastward." [Numbers 34:3]. The word *salt* in Hebrew is *melach*, and appears in the Old Testament thirty times, being found in sixteen different books.

"In the beginning was the Word, and the Word was with God, and the Word was God. The same was in the beginning with God. All things were made by him; and without him was not any thing made that was made. In him was life; and the life was the light of men. And the light shineth in darkness; and the darkness comprehended it not." [John 1:1-5].

John declares that "all things" were created by God. This being true, one can reason that in the creation of the world, including the seas, that *salt* was there at the beginning. For additional references on the many scriptures relating to the early history of salt, one may see Young's Analytical Concordance to the Bible, page 832.

As scientists in many theories confront the unquestionable records found in the scriptures, we close this chapter with God's question to Job concerning those who darken counsel without knowledge.

"Then the Lord answered Job out of the whirlwind, and said, Who is this that darkeneth counsel by words without knowledge? Gird up now thy loins like a man; for I will demand of thee, and answer thou me. Where wast thou when I laid the foundations of the earth? declare, if thou hast understanding. Who laid the measures thereof, if thou knowest? or who hath stretched the line upon it? Whereupon are the foundations thereof fastened? or who laid the corner stone thereof?" [Job 38:-6].

- 1 Bancroft, Emery H., *Elemental Theology*, Zondervan Publishing House, Grand Rapids, Michigan, 1945; p. 32.
- 2 *Ibid.*, p. 32.
- 3 Nelson, Elmer R., *World Book Encyclopedia*, Field Enterprises, Chicago, 1952; Vol. 5, pp. 2164-2165.
- 4 Wassenburg, Gerald, *California Institute of Technology*, *Newsweek*, May 11, 1981; p. 82.
- 5 Kyte, Frank T., *Science*, Washington, D.C., *Nashville Banner*, Nashville, Tennessee, July 5, 1988.
- 6 Bible. *Genesis* 8:22.
- 7 Morris, Henry M., *The Bible and Modern Science*, Moody Press, Chicago, 1956; p. 65.
- 8 *Ibid.*, pp. 83-84.
- 9 *Ibid.*, pp. 82-83.
- 10 Funk & Wagnalls *Standard Encyclopedia*, *Reader's Digest Books*, 1970; Vol. 8, p. 2935.
- 11 Morris, Henry M., *The Bible and Modern Science*, Moody Press, Chicago, 1956; p. 83.

## CHAPTER 6

# MAN: DID HE EVOLVE FROM A LOWER SPECIES, OR DID GOD CREATE HIM?

"That mankind slowly evolved from lower forms of organic life is neither a new nor a strictly Western European idea. But as a doctrine supported by carefully marshaled observations and accepted almost universally by scientists. It dates from Charles Darwin's publication in 1859 of *The Origin of Species*.

"Although it is now generally agreed that the Primates, which include animals from the lemur to the gorilla, are closest to man and that some branch of that order has given rise to man himself, students of human evolution *differ* in their reconstruction of the *precise chain* of development that links man and the other primates.

"This relationship was repugnant to many people when it was first vigorously argued by T.H. Huxley during the latter half of the nineteenth century; although some reluctance to accept it still lingers, the theory of evolution has gained a broad acceptance by the general public.

"Although some fossil remains of earlier forms of man had already been discovered before Darwin's *Origin of Species*, they were inadequately appreciated; the major proof adduced by Darwin and Huxley to demonstrate man's relationship to the *anthropoid apes and his evolution from them*, rested on the comparative anatomy of living forms. The close resemblances of many features in human anatomy with those found in *apes* could be explained only on *assumption* of a common origin. Man's slight deviations from these common standards were explicable as the result of his erect posture and evolution subsequent to his divergence from the apes."<sup>1</sup>

"Organic evolution is an interpretation of the characteristics, diversity and distribution of the various forms of animal and plant life as the result of a historical process involving descent with modification. This process includes the origin of two or more distinct species, or other groups, *from a single ancestral group*, and also the natural modification of a line of ancestors and their descendants to such a degree that the later forms may be markedly different from the earlier.

"The *theory* is commonly understood to imply that all forms of life may be traced back to a *single, relatively simple, one-celled ancestral group*. This is the usual view of students of evolution, but the *theory of organic evolution* in general does not necessarily exclude the possibility that life has arisen more than once."<sup>2</sup>

"John T. Scopes, in court in Dayton, Tennessee, was found guilty of having taught *evolution* in the local high school in 1925, and was fined \$100.00

and cost."

"It would take us too far afield to trace the evolution of the human family . . . ; Modern man is classified into three major races: white, or caucasoid; yellow, or mongoloid; and black, or negroid."<sup>4</sup>

In view of the above statement, let us counsel with the Bible. "Now these are the generations of the sons of Noah, Shem, Ham, and Japheth: and unto them were sons born after the flood . . . ; The sons of Japheth; . . . And the sons of Ham; . . . Unto Shem also, the father of all the children of Eber (Hebrews), These are the families of the sons of Noah, after their generations, in their nations: and by these were the nations divided in the earth after the flood."<sup>5</sup> Mr. Raymond Mack and coauthor, Mr. Kimball Young has just said that "modern man" was classified into three major races. Then turning to the book of Genesis, Moses tells us that the early man of creation was divided into three groups: Shem's descendants would be the Jews; Japheth's descendants would be the Gentiles; Ham's descendants would be the rest including the negroid. [Genesis 10:1-21].

The three groups, or races just mentioned, all came from one man, which was Adam, as declared not only by Moses, but also by the apostle Paul, when he preached at Athens. Speaking of God's work of creation, he said, "And hath made of one blood all nations of men for to dwell on all the face of the earth." [Acts 17:26].

Paul, in writing to the Romans, declared, "Wherefore, as by one man sin entered into the world, and death by sin; and so death passed upon all men, for that all have sinned:" [Romans 5:12]. "And as it is appointed unto men once to die, but after this the judgment:" [Hebrews 9:27].

All races, all nations of people, all Christians, all infidels, all agnostics, all atheists, the rich, the poor, the intelligent, the unlearned, all, know the "fact" of death for "all people" and therefore have the Bible record for confirmation.

"In the beginning God created the heaven and the earth. And the earth was without form, and void; and darkness was upon the face of the deep. And the Spirit of God moved upon the face of the waters. And God said, Let there be light: and there was light. And God saw the light, that it was good: and God divided the light from the darkness. And God called the light day, and the darkness he called night. And the evening and the morning were the first day."<sup>6</sup> What length of time was a day at the time of creation? There have been discussions on this matter, and some believed the days were the same as today, others have believed that they could have been years, are centuries.

As long as any scientist has kept records, a twenty-four hour period has been recognized as "a day" for all record-keeping purposes. According to the Bible, the days have been the same length of time from the time of creation, as the earth revolves around the sun every twenty-four hours, and this has never changed.

Jesus, using a natural day and night to teach a Spiritual lesson on the walk of life, which could be in darkness or light, made the following statement: "Are there not twelve hours in the day? If a man walk in the day, he stumbleth not,



because he seeth the light of this world. But if a man walk in the night, he stumbleth, because there is no light in him.”<sup>7</sup> With twelve hours in a day, there would be twelve hours in a night. The two—as called in Genesis “evening and morning” a day.

Genesis Account of Creation Including Man:

First Day—Heaven, earth, night and day were created.

Second Day—The firmament was created, the waters were divided.

Third Day—The earth and seas were separated, the grass, herbs and fruit trees were brought forth.

Fourth Day—The sun, moon and stars were created.

Fifth Day—Fowl of the air and creatures of the seas were created. God blessed them as commanded that they be fruitful and to multiply.

Sixth Day—All land animals and insect life were created. Man was created on this day.

Seventh Day—Creation was finished and God rested (ceased) from his labours.

“And God saw every thing that he had made, and behold, it was very good. And the evening and the morning were the sixth day.”<sup>8</sup> “Thus the heavens and the earth were finished, and all the hosts of them. And on the seventh day God ended his work which he had made; and he rested (Hebrew ‘shabath’ to cease, rest, keep sabbath) on the seventh day from all his work which he had made.”<sup>9</sup>

In the Genesis account of Creation we learn that the first man and his family walked, talked, worked, associated with one another, farmed, kept sheep, sinned, worshipped God, possessed jealousy, loved, hated, played and did all the things that we of the twentieth century ordinarily do.

References are often made to “pre-historic” things. What does “pre-historic” mean? Pre-historic man and other creatures are spoken of by scientists. Pre-historic: of or belonging to the period before written history. What is the oldest written history in the world? The Pentateuch—the five books of Moses, Genesis, Exodus, Leviticus, Numbers, and Deuteronomy. The apostle Paul wrote, “All scripture is given by inspiration of God, . . .” [II Timothy 3:16].

“Fossils of three entirely kinds of prehistoric men and animals that lived in East Africa millions of years ago have been found in Olduvai Gorge, Tanzania, by Dr. Leaky (a Director of the Coryndon Museum at Nairobi Kenya) and his wife, both recipients of the National Geographic Society’s Hubbard Medal, have been conducting their archaeological studies with the support of the society. Certain characteristics suggest that it may (a type of hominid) belong to an African relative of the Java Man and Peking Man, both considered extinct cousins of man of 400,000–600,000 years ago.

“While older and smaller, this new skull with its more humanlike teeth and similarities to Java Man and Peking Man lends support to the *theory* that there were three different types of hominids at Olduvai. Other fossil discoveries made by the Leakeys are: Part of a skull of *Proconsul africanus*, a 25,000,000-year-old primate found on an island in Lake Victoria, and the jaw of *Kenyapithecus*,

member of a group that includes both apes and prehistoric man.

"The fossils of animal life unearthed range from 300,000 to 1,000,000 years old. At Fort Ternan, Kenya, the Leakeys opened a fossil bed rich in prehistoric animals. Twenty-six distinct species of extinct animals have been found in five layers of deposits. These date back 12,000,000 to 14,000,000 years. It is *surmised* that the animals converged at water holes where they were overcome by poisonous gases and covered with volcanic ash."<sup>10</sup>

While scientists write and speak of their discoveries, saying objects, items, are millions of years old, we note that they use such words as *surmise*, *theorize*, *assume*, etc. Some scientists found volcanic rocks which they claimed to be from 12 to 21 million years old, but upon another scientific examination they found them to be less than 200 years old! These discrepancies are very clear. [Science News, October 11, 1968]. I wish to continue the subject of evolution of man, anthropology in its general study.

Since we are dealing in this chapter with the theory of evolution and also the Bible account of the creation of man, we keep in mind some of the doctrines and areas of thought in which scientists disagree. Theories have varied by millions of years among some of the scientists.

"Only the works of man himself proceed on the principle of evolution or development. He starts from nothing, beginning in ignorance, helplessness, and inexperience. This is true only in human affairs; man has gone from the ploughshare to the steamshovel; from the raft to the ocean liner; from the cave to the skyscraper. But the birds build their nests today as at the beginning. For, the moment we pass the boundary and enter the Divine sphere, no trace or signs of evolution is found.

"(1) The evolutionary theory represents man as rising from a low order of being, while the scriptures declare his origin to be due to the direct creative action of God.

"(2) The evolutionary theory represents man as being the result of successive changes in material forms due to resident forces within, while the Scriptures declare that man's physical being is the result of God's action upon it without.

"(3) The evolutionary theory represents man as the climax of development, ascending through the lower forms of animal life, while the Bible declares him to belong to the distinctive human order, whose entrance into being was immediate and direct."<sup>11</sup>

"As a result of careful investigation, we note the following: The failure of evolutionists to establish the claim that original life-germs came into existence by natural process; their inability to show that, in the world of living things, there exists a law of development and improvement; the complete breakdown of their claim that, by natural processes, lower species of plants and animals may be transmuted into higher; the fact that in all early and late excavations and researches not one connecting link between any of "

have not yet discovered a particle of evidence showing, or even suggesting, that any animal ever has reached or ever can reach a point where, slowly or suddenly, it can come into possession of a human soul, a human mind, or a human body.

"The fact that biologists, geologists and archaeologists have overwhelmingly silenced the assertion that the human race began low down and through countless ages has worked itself up to its present civilized state; the downfall of the assertion that scholarly men are all evolutionists; the recent abandonment of Darwinian evolution by those who once held the theory, and who at the present moment are making vigorous assaults upon it.

"The absolute incompetence of evolutionists to formulate any system of ethics or religion that at all approaches that of the Bible—in view, therefore, of this array of facts, it is shown that the hypothesis of Darwinian evolution has collapsed beyond any hope of restoration."<sup>12</sup>

Your attention is called to an assertion by some that ALL scholarly men are evolutionists. In this writing, many references are given from the works of Dr. Henry M. Morris. Who is Dr. Morris? Let us examine the credentials of this scholarly man.

"Dr. Henry M. Morris was born in 1918. He received his B.S. degree in civil engineering 'with distinction' from Rice Institute in 1939; M.S. in civil engineering from the University of Minnesota in 1948; Ph.D. (major in C.E.) University of Minnesota in 1950. From 1930-42 he was with the International Boundary Commission, El Paso, Texas.

"From 1942-46 he was an instructor in Civil Engineering at Rice Institute, and at the University 1946-51, and from 1951-57 was Head of Civil Engineering Department, Southwestern Louisiana. In 1957 he was Professor and Head of Civil Engineering Department, Virginia Polytechnic Institute. He has membership in three honorary societies also in American Society of Civil Engineers, American Society of Civil Engineering Education, American Association for Advancement of Science, National Society of Professional Engineers, Illinois Academy of Science, American Geophysical Union, and American Scientific Affiliation." [See Bibliography].

Why give this information here on Dr. Morris? In confirmation that scholars and learned men still believe the inspired word of God, he being one of America's, and the world's leading scientists. To finish our information on this point, I give here Dr. Morris' own testimony.

"The testimony of this writer (Dr. Morris), for whatever it may be worth, is that, having studied at least some in most of the basic sciences, having belonged to many scientific societies and associated with scientists and intellectuals daily for twenty years, having taught in three great universities for fourteen years, having read thousands of books and articles on various scientific subjects—and at the same time having spent at least one hour every day for more than fifteen years in the study of the Bible—is firmly convinced that every word of the Bible is inspired of God, absolutely free of error, with innumerable marks of divine

inspiration throughout its pages.

"But, and perhaps more significantly, this objective conviction has been abundantly confirmed through the years by the experimental reality of the living Christ, dwelling in the heart by faith, supplying every need and making full provision for all 'peace and joy in believing.'"<sup>13</sup>

I wish to present at this time information on the noted evolutionist, Charles Darwin. References have been made earlier on him, and additional one will be given later.

"The most important figure in the history of the theory of evolution, and one of the most important in the history of human culture, was Charles Darwin (1809-1882). In his youth he studied for the ministry, and then accepted special creation as a matter of course in spite of the fact that his illustrious grandfather had rejected. (The grandfather was Erasmus Darwin—1731-1802—an early British evolutionist). In 1831-1836, Charles Darwin made a voyage around the world on the surveying ship Beagle. Darwinism correctly refers, not to the principle of evolution in general, but to Darwin's particular attempt to explain evolution."<sup>14</sup>

After having read of the life, faith and works of Dr. Henry M. Morris, we then read the foregone article on Charles Darwin, the world renowned scientist. I wish to present one other famous gentleman who lived during the final seventy years of the second century. This man is Dr. Claudius Galenus. His inclination was to accept the doctrine of atheism. However, some of his life's experiences changed this view. Let us view the record.

"When Galen, a celebrated physician, but atheistically inclined, had anatomized the human body, and carefully surveyed the frame of it, viewed the fitness and usefulness of every part of it and the several intentions of every little vein, bone and muscle, and the beauty of the whole, a spirit of devotion came upon him and he wrote a hymn to his Creator. 'A man must be a fool, indeed, who after fully studying his own body can remain an atheist.'"<sup>15</sup>

Galen was a Greek physician, born in 130 A.D. and died in 200 A.D. His name was latinized and was Claudius Galenus. A long report on his discoveries and accomplishments in medicine and the study of the human anatomy is found in Collier's Encyclopedia, Vol. 8, p. 247.

The final words of that report are as follows: "Galen, although born a pagan, developed a religion of his own somewhat akin to both Judaism and early Christianity, including a belief in God. He believed that God had created every organ in the human body in the most perfect form and that He had a definite use for that organ. Perhaps Galen's beliefs had something to do with the great respect in which his works were held, even by ecclesiastics. Most of his writings are extant in Greek, Latin and Arabic."<sup>16</sup>

### Man's Origin From The Biblical Viewpoint

"So God created man in his own image, in the image of God created he him; male and female created he them." [Genesis 1:27]. "And the Lord God formed man of the dust of the ground, and breathed into his nostrils the breath of life; and man became a living soul." [Genesis 2:7] "Then (at death) shall the dust return to the earth as it was: and the spirit shall return unto God who gave it." [Ecclesiastes 12:7].

"The burden of the word of the Lord for Israel, saith the Lord, which stretcheth forth the heavens, and layeth the foundation of the earth, and formeth the spirit of man within him." [Zechariah 12:11].

"This is the book of the generations of Adam. In the day that God created man, in the likeness of God made he him; Male and female created he them; and blessed them, and called their name Adam, in the day when they were created. And Adam lived an hundred and thirty years, and begat a son *in his own likeness, after his image*: and called his name Seth." [Genesis 5:13].

According to the book of Genesis we learn that "like begets like" and that this nature has continued throughout all centuries to the present time.

"For ask now of the days that are past, which were before thee, since the day that God created man upon the earth;" [Deuteronomy 4:32]. "The spirit of God hath made me, and the breath of the Almighty hath given me life." [Job 33:4].

"Know ye that the Lord he is God: it is he that hath made us, and not we ourselves; we are his people, and the sheep of his pasture." [Psalm 100:3]. "Have we not all one father? hath not one God created us?" [Malachi 2:10].

"God that made the world and all things therein, seeing that he is Lord of heaven and earth, dwelleth not in temples made with hands; Neither is worshipped with men's hands, as though he needed any thing, seeing he giveth to all life, and breath, and all things; And hath made of one blood all nations of men for to dwell on all the face of the earth, and hath determined the times before appointed, and the bounds of their habitation;" [Acts 17:24-26].

The apostle Paul was on Mars Hill in Athens when he preached the above message. For a better understanding of the subject under consideration, we now turn again to Paul's discourse at Athens.

"That they should seek the Lord, if haply they might feel after him, and find him, though he be not far from every one of us: For in him we live, and move, and have our being; as certain also of *your own poets have said, For we are also his offspring*. For as much then as we are the offspring of God, we ought not to think that the Godhead is like unto gold, or silver, or stone, graven by art and man's device." [Acts 17:27-29].

Paul is telling the Athenians that their intellectuals and learned men of the past had declared that man was the offspring of God. He continues and says it is foolish to think then that man came from gold, silver, stone, etc. The question may be asked of the scientists today; If man, which possesses a soul, descended

from apes, which have no soul, at what time and when did man first come into possession of a soul? If man ascended from apes through millions of years as claimed by scientists, when did the process stop and does not continue to the present. Would not the various stages be existing somewhere in the world today?

At this point I will present some statements made by Dr. Emery Bancroft who was co-founder of the Baptist Bible Seminary of Johnson City, New York and also taught theology at the Practical Bible Training School while in Binghamton. He was noted for his intimate knowledge of the Bible, his keen discernment, his unusual memory and his rare ability to present facts clearly and logically.

"In harmony with this threefold preparation of man for his life and work upon the earth, we find three Hebrew words describing it. A passage in Isaiah 43:7, illustrates the meaning of the three verbs: 'I have created (bara) him for my glory [that is, produced him out of nothing]; I have formed (asah) him [that is, caused him to exist in a shape or form appointed]; yea, I have made (yatzar) him [that is, made the final dispositions and arrangements respecting him.]'"<sup>17</sup>

"Those who believe in the ascent of man teach that he began life on a far lower scale than that upon which he now lives. The only fall they recognize is upward. They teach that man has attained higher heights than any upon which he may have been placed at his inception.

"This cannot be true, because the Scriptures teach the very opposite. Indeed, there is abundant evidence to show that man has been degraded from a very much higher stage. Both the Bible and science agree in making man the crowning work of God. We must not forget that while man, from one side of his nature is linked to the animal creation, he is yet supra-natural—a being of a higher order and more splendid nature; he is in the image and likeness of God." —Evans<sup>18</sup>

#### Man's Intellectual Faculties

"And out of the ground the Lord God formed every beast of the field, and every fowl of the air; and brought them unto Adam to see what he would call them; and whatsoever Adam called every living creature, that was the name thereof. And Adam gave names to all cattle, and to the fowl of the air, and to every beast of the field;" [Genesis 2:19-20].

Question: If scientists of all ages did not get the names of all creatures, birds, animals, etc., from the Bible, where did they learn, and when, what to call them?

"Man resembles God in his possession of a rational nature. Man's capacity in this regard is the source of all scientific knowledge. He reads the meaning of nature and discovers that it is stamped with the marks of reason. Man understands God by reason of the marks of intelligence in the world about him. Reason in man answers to reason in God." — Mullins<sup>19</sup>

Man had sufficient intelligence when created to think, reason, and speak; to draw conclusions and make decisions. He had a language and apparently was the master of it. He could select suitable names from his divinely given vocabulary



for the beast presented before him, and was capable of having dominion over them. Man was a rational being. In this he differed from all inferior animals. Of many of them it may be said that they excel man in sagacious instinct. What is instinct?

"An *instinct* is a propensity prior to experience and independent of instruction. It is blind, unreasoning impulse that prompts animals to do certain things without knowing why or caring to improve the manner of doing them. Hence, the instincts of animals act with unchangeable uniformity, and there is no improvement. Migratory birds perform their migrations just as birds did thousands of years ago. The beaver constructs its habitation as it was made in other centuries. And the bee builds its cell as in the days of antiquity. Of all inferior animals it has been said that they are irrational. The difference between them and man is as wide as the poles.

"Men are proper subjects of moral government, and without a rational nature they could not be accountable. Human governments recognize this view of the matter, for they do not hold idiots and lunatics responsible. The reason is that in idiots the rational powers have never been sufficiently unfolded to furnish a basis for moral accountability; and in the case of the lunatics the intellect, though once developed, has been so impaired as to nullify moral obligation."<sup>20</sup>

#### A Brief Reflection On This Subject

Anthropology: The science treating of the physical, social, material, and cultural development of man, including his origin, evolution, distribution, customs, beliefs, folkways, etc."<sup>21</sup>

The word "man" in Old Testament English is the Hebrew word "*adam*" and appears in approximately 2400 places, and means "*a man, human being.*" Another word in English Old Testament for "man" is the Hebrew "*enosh*" meaning, "*a man, a mortal*" and is found over 500 times. Less frequent used Hebrew words for "man" in the Old Testament and their meaning are:

*ben*—"one connected with, or possessing a son."

*baal*—"owner, master, lord."

*gibbor*—"a (mighty) man."

*zkar*—"a male"

In the New Testament the English word "man" is the Greek word "*aner*" and means "*a man, husband.*"

*anthrōpos*—"a man, a human being." This word appears approximately 530 times in the New Testament.

### Sexuality: Scientifically and Biblically

Donald Symons, an anthropology professor at the University of California at Santa Barbara wrote a book, *The Evolution of Human Sexuality*, which was published in 1979, and was reviewed by Robert Bingham in *Science* 83 – January/February. I wish to notice some of the statements made by Professor Symons.

“A century ago, Charles Darwin’s judgment of human sexual evolution that ‘man has ultimately become superior to woman’ was part of the received wisdom, even in a nation ruled by a queen. Now, with women no longer safely sequestered beneath a Victorian tea cozy by a dominant paterfamilias, the traditional theories of human sexuality are greeted with a growing skepticism that is long overdue.

“Until the mid-1960s, little attention was paid to the female’s role in evolution, except in childbearing. Following the most recent feminist movement, an attempt has been made to redress the balance. Sarah Blaffer Hardy’s *The Woman That Never Evolved*, and Nancy M. Tanner’s *On Becoming Human*, along with other publications, though from widely different perspectives, are broadly intent upon correcting what is seen as male bias in both observation and theory.

“Donald Symons’ views have placed him in front lines. He has appeared on four television talk shows. He has been variously described as the “master of macho anthropology” and a tiger in the sociobiologist’s jungle. He has presented his *theories* via his book.

“Symons’ theories contain a good deal of his own intuition, which he buttresses with scholarly research—a combination of advocacy and academic dues. To make his case, Symons quotes not only from scientific literature but from the fiction authors.

“His treatment of human sexuality within an evolutionary framework is the first to appear since Charles Darwin’s *The Descent of Man and Selection in Relation to Sex*, in 1871. The crucial point is that the brain was included in Darwin’s evolutionary thesis. Symons’ arguments put him in direct line of intellectual descent from Darwin.”<sup>22</sup>

In this report, Bingham tells us that Darwin’s belief was that men of some species who were profligate attempted to mate with *many partners* who were undesirable for good reproduction. Turning from the theories of Pro. Symons as viewed by Mr. Bingham, we study some scriptures relating God’s intended ways and means of human reproduction.

“And the Lord God said, It is not good that man should be alone; I will make him an help meet . . . : and he took one of his ribs . . . ; and the rib, which the Lord God had taken from man, made he a woman, and brought her unto the man. And Adam said, This is now bone of my bones and flesh of my flesh: she shall be called woman, because she was taken from man.”<sup>23</sup>

“Therefore shall a man leave his father and his mother, and shall cleave unto

his wife: and they two shall be one flesh."<sup>24</sup>

"Unto the woman he said, I will greatly multiply thy sorrow and thy conception; in sorrow thou shalt bring forth children; and thy desire shall be to thy husband, and he shall rule over thee."<sup>25</sup>

We now cross 4,000 years of history, coming into the first century A.D. when Jesus was confronted by the Jews with the subject of marriage and divorce. As the scriptures reveal, God's intended means and purpose of human reproduction had not changed with the passing of time.

"The Pharisees also came unto him, tempting him, and saying unto him, Is it lawful for a man to put away his wife for every cause? And he answered and said unto them, Have ye not read, that he which made them at the beginning made them male and female, And said, For this cause shall a man leave father and mother, and shall cleave to his wife: and they twain shall be one flesh. Wherefore they are no more twain, but one flesh. What therefore God hath joined together, let not man put asunder. They say unto him, Why did Moses then command to give a writing of divorcement, and to put her away? He saith unto them, Moses because of the hardness of your hearts suffered you to put away your wives: but from the beginning it was not so."<sup>26</sup>

In the above scriptures we see that God spoke of one man, one woman, and that 'from the beginning' it had been God's plan. For God's commandments concerning polygamy and homosexuality, read Paul's letter to the Romans. [Romans 1:18-32]. However, let us consult scriptures that reveal unto us various individuals and their conduct concerning their sexuality.

"And Sarai Abram's wife took Hagar her maid the Egyptian, after Abram had dwelt ten years in the land of Canaan, and gave her to her husband Abram to be his wife. And he went in unto Hagar, and she conceived: and when she saw that she had conceived, her mistress was despised in her eyes. And Sarai said unto Abram, My wrong be upon thee: I have given my maid into thy bosom; and when she saw that she had conceived, I was despised in her eyes: the Lord judge between me and thee."<sup>27</sup>

"And Reuben went in the days of wheat harvest, and found mandrakes in the field and brought them unto his mother Leah. Then Rachel said unto Leah (the two women being sisters and both married to Jacob), Give me, I pray thee, of thy son's mandrakes. And she said unto her, Is it a small matter that thou hast taken my husband? And wouldest thou take away my son's mandrake's also? And Rachel said, Therefore he shall lie with thee tonight for my son's mandrakes. And Jacob came out of the field in the evening, and Leah went out to meet him, and said, Thou must come in unto me; for surely I have hired thee with my son's mandrakes. And he lay with her that night."<sup>28</sup> For Deliah's enticement and the outcome with Samson, see Judges 16.

- 1 Collier's Encyclopedia, P.F. Collier & Son Corporation, New York – Toronto, 1960; Vol. 7, p. 250.
- 2 Ibid., p. 244.
- 3 World Almanac, National Geographic Society, New York World-Telegram, New York, 1966; p. 207.
- 4 Collier's Encyclopedia, P.F. Collier & Son Corporation, New York-Toronto, 1960; Vol. 7, p.244.
- 5 Bible. Genesis 10:1-32.
- 6 Bible. Genesis 1:1-5.
- 7 Bible. John 11:9-10.
- 8 Bible. Genesis 1:31.
- 9 Ibid., Genesis 2:1-2.
- 10 World Almanac, National Geographic Society, New York-World Telegram, New York, 1966; p. 293.
- 11 Bancroft, Emery H. *Elemental Theology*, Zondervan Publishing House, Grand Rapids, Michigan, 1945; pp. 175-176.
- 12 Ibid., p. 176.
- 13 Ibid., pp. 3-4.
- 14 Collier's Encyclopedia, P.F. Collier & Son Corporation, New York-Toronto, 1969; Vol. 7, p. 245.
- 15 Bancroft, Emery H., *Elemental Theology*, Zondervan Publishing House, Grand Rapids, Michigan, 1945; p. 18.
- 16 Collier's Encyclopedia, P.F. Collier & Son Corporation, New York-Toronto, 1969; Vol. 8, p. 247.
- 17 Bancroft, Emery H., *Elemental Theology*, Zondervan Publishing House, Grand Rapids, Michigan, 1945; p. 176.
- 18 Ibid., p. 177.
- 19 Ibid., p. 178.
- 20 Pendleton, J.M., *Christian Doctrines*, The Judson Press, Philadelphia-Chicago, Los Angeles, 1878; pp. 158-159.
- 21 Funk & Wagnalls Standard Desk Dictionary, Funk & Wagnalls Inc., New York, 1979; Vol. 1, p. 27.
- 22 Bingham, Roger, *Science 83*, American Association for the Advancement of Science, Washington, D.C., January/February 1983; pp. 66-70.
- 23 Bible. Genesis 2:18-23.
- 24 Ibid., Genesis 2:24.
- 25 Ibid., Genesis 3:16.
- 26 Bible. Matthew 19:3-8.
- 27 Bible. Genesis 16:3-5.
- 28 Bible. Genesis 30:14-16.

## CHAPTER 7

## FRAUD IN SCIENCE

In 1982 William Broad and Nicholas Wade co-authored a book that was titled *"Betrayers of The Truth"* and was published by Simon and Schuster. Alfred Meyer, a contributing editor of *Science* 82, examined the volume and reported some of the findings.

*"Betrayers of the Truth"* grew out of the authors' articles on scientific fraud previously published in science magazines. But the book pretends to a much grander compass. According to Wade and Broad, "Cases of fraud provide telling evidence . . . about the motives and attitudes of scientists."<sup>1</sup>

"Thirty-four cases of fraud over a period of 2,000 years are documented in the book, a number roughly comparable to the number of lawyers who went to jail for Watergate. Despite this small number, the authors imply that scientific fraud is common. They estimate that there are 100 additional major frauds, plagiarisms, and date fabrications for each one detected. Since there are about one million scientists alive today and approximately one fraud is revealed each year, the incidence is one in 10,000. The authors contend that 'like sin among the faithful fraud should not exist. . . .'"<sup>2</sup>

We note that in the general discussion of the reports of fraud in science that Meyer refers to some of the scientists of past centuries who are listed as being among those having erred. he says, "The book opens with 14 cases, mostly data 'smoothing' or 'selecting,' that antedate 1940. This is the time when careerism, competition, impersonal laboratories, elitism, and other influences entered science to become, according to the authors, the motivating forces behind scientific fraud. These perpetrators include Ptolemy, Galileo, Newton, Dalton, Johann Bernoulli, Millikan, and others. In this pantheon, only Einstein seems missing.

"At best, these cases are unproven; at worst, these scientists loved their wonderful theories too well. But that idea bothers Broad and Wade. It proves scientists are not disinterested. Did they never hear the admonition not to let a bad fact stand in the way of a good theory?"<sup>3</sup>

Again, a "theory" is a plan or scheme existing in the mind only; a speculative or conjectural view of something."<sup>4</sup> A "fact" is something that actually exists or has occurred; something asserted to be true or to have happened; reality or actuality."<sup>5</sup>

In Meyer's viewing Broad and Wade's article, he asked the question, "Did they never hear the admonition not to let a 'bad fact' stand in the way of 'a good theory?'" When one examines the words "theory" and "fact" we understand "Theory is theory" and "fact is fact" and therefore, one's conclusions, may be made on the matter.

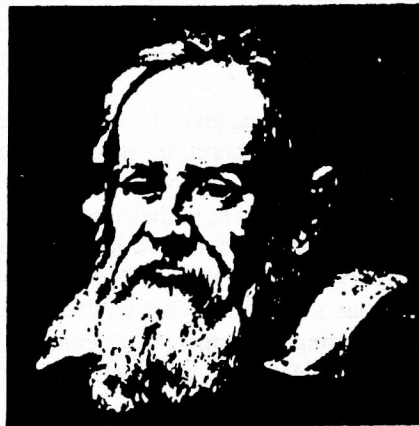
Once again, as shown earlier, the writer wishes to present not only the



*Gregor Mendel, 19th-century botanist*



*John Dalton, 19th-century chemist*



Bettmann Archive (2)

*Galileo Galilei, 17th-century physicist*



*Claudius Ptolemy, 2nd-century astronomer*



Bettmann Archive (3)

*Isaac Newton, 17th-century physicist*



harmony of Science and Scripture” but also the “contrasts of the two.” We turn again to Meyer’s examination, or review, of *Betrayers of The Truth, A Scientist’s View*: “Mark Spector entered Efraim Racker’s lab at Cornell as a graduate student and proceeded to astound everyone with experimental triumph after triumph. Racker and Spector were very close, Racker treating him almost like a son while sitting on top of every experiment as Spector created and fed him what he wanted to hear. With Racker, he produced a new ‘theory’ of oncogenesis and provided large amounts of data to support it. A year later, the story collapsed. A colleague found the wrong isotope in an experiment. It could only have been there for the purpose of cheating. There were previous suspicions.

“Many experiments done with collaborators only worked when Spector was present. Still, he was praised not only for his golden brain but for his golden hands. Later it emerged that he had entered Cornell without a degree, that he had switched undergraduate colleges because of a suspicion of experimental fraud, that he had forged checks, and that he had lied about the death of his mother.”<sup>6</sup>

Speaking of “contrasting” and “harmonizing” science and scripture, just here we refer to scripture again for study since we have just related some stories on scientific fraud.

“All scripture is given by inspiration of God, and is profitable for doctrine, for reproof, for correction, for instruction in righteousness.”<sup>7</sup>

“We have also a more sure word of prophecy: whereunto ye do well that ye take heed, as unto light that shineth in a dark place, until the day dawn, and the day star arise in your hearts: Knowing this first, that no prophecy of the scripture is of private interpretation. For the prophecy came not in old time by the will of man: but holy men of God spake as they were moved by the Holy Ghost.”<sup>8</sup>

Returning to the review of “Fraud in Science” we have a statement by Norton D. Zinder, Molecular biologist, Rockefeller University, with some data on Mark Spector.

“First, a few dates for reference points: January 1980, Spector arrives; July 27, 1980, paper submitted to *Journal of Biological Chemistry*, which contains a primitive version of the new theory; December 1980, revised paper accepted by *Journal*; May 1981, article appears; June, 1981, Cold Spring Harbor Symposium; July 1981, article in *Science* with full theory; July 28, 1981, Spector unmasked.

“As the dates reveal, only a part of the scientific community was aware of his work before May 1981. We are told of two scientists who obtained reagents from Spector during the winter of 1980-1981, not for the direct replication of Spector’s ideas to their own systems. However, the authors stress that when the reagents failed, the two scientists involved didn’t publish those facts, and therefore, no one knew.”<sup>9</sup>

- 1 Zinder, Norton D., *Science* 83, American Association for The Advancement of Science, Washington, D.C., January/February 1983; p. 94.
- 2 *Ibid.*, p. 94.
- 3 *Ibid.*, p. 94.
- 4 *Funk & Wagnalls Standard Desk Dictionary*, Funk & Wagnalls, Inc., New York, 1979; p. 701.
- 5 *Ibid.*, Vol. 1, p. 227.
- 6 Zinder, Norton D., *Science* 83, American Association for the Advancement of Science, Washington, D.C., January/February 1983; p. 94.
- 7 Bible. II Timothy 3:16.
- 8 Bible. II Peter 1:19-21.
- 9 Zinder, Norton D., *Science* 83, American Association for the Advancement of Science, Washington, D.C., January/February 1983; pp. 94-95.

## CHAPTER 8

# THE INSPIRATION AND ACCURACY OF THE SCRIPTURES

There are more than 300 prophecies in the Old Testament which were fulfilled by Christ at his first coming. In an attempt to determine the scientific significance of these prophetic fulfillments, a California mathematician, Professor Peter Stoner, made an interesting experiment with one of his classes.

"Each member of the class was assigned a particular Messianic prophecy to study, with the purpose of determining the statistical chance that the particular event could have been predicted without supernatural inspiration.

"For example, the prophecy in Micah 5:2, that the Messiah would be born in Bethlehem. There was no more reason for this town to be the chosen than any other town in Israel. Therefore, its probability of chance fulfillment would be divided by the number of towns in Israel at that time. In this manner, probabilities of fulfillment were determined for each of 48 Messianic prophecies.

"Now the laws of mathematical probability show that the probability of several occurrences, independent of each other, being accomplished simultaneously is the product of the probabilities of all the individual occurrences.

"Thus the probability of all 48 prophecies being fulfilled simultaneously in one individual, the promised Messiah and Saviour, was calculated as the product of all the separate probabilities. Prof. Stoner found that the resultant probability was one chance out of a number that would be written one (1), followed by 181 zeros (0), which would be about the length of three lines of print across this page.

"To realize the significance of this tremendous number, visualize a huge ball composed of solidly packed electrons. These are the smallest entities we know anything about; it would take about 2.5 million billion of them to make a line one inch long. The largest thing we know anything about is our physical universe, some four billion light years in diameter (a light year being the distance light travels in a year, moving at the speed of over 186,000 miles per second). However, our ball of electrons must have a diameter some 500 quadrillion times as great as the diameter of our universe.

"One of these electrons now is marked to distinguish it from all the rest, and then the entire mass stirred thoroughly. A blind-folded man is then sent into the ball to find the marked electron. *The chance that he would select the right electron on the first trial is roughly equivalent to the chance that these 48 prophecies could have been fulfilled without supernatural inspiration.*"<sup>1</sup>

With the above findings, using a scientific method, one is persuaded that the Bible—the entire Old Testament and the New Testament—were written by inspiration without mixture or error, and that their accuracy is ascertained.

1 Morris, Henry M. *The Bible and Modern Science*, Moody Press, Chicago, 1956; pp. 118-119

## CHAPTER 9

# METEOROLOGY

We now consider the science of *meteorology* in a limited manner. The "water cycle" whereby water is precipitated as rain or snow, then drained off by the river system into the ocean, whence it is raised by evaporation back into the skies and carried by the wind back to the land to be again precipitated, is a fundamental fact of this comparatively new field of science. Yet this fact was strikingly set forth in the Bible ages before men discovered it.

Furthermore, it is now well known that the major wind currents of the world follow well-defined circuits. These great wind circuits are largely responsible for all the great ocean currents as well as the great air currents of the world. But this truth is a matter of comparatively recent discovery.

From the Bible we read, "The sun also riseth, and the sun goeth down, and hasteth to his place where he arose. The wind goeth toward the south, and turneth about unto the north; it whirleth about continually, and the wind returneth again according to his circuits. All the rivers run into the sea; yet the sea is not full; unto the place from whence the rivers come, thither they return again."<sup>1</sup>

We listen to *Meteorologists* today on television, using the most recent manufactured equipment, and they speak of rain, hail, snow, wind, thunder and lightning. Let us search scriptures which were written a few thousand years ago.

"Hast thou entered into the treasures of the *snow*? or hast thou seen the treasurers of the *hail*, Which I have reserved against the time of trouble, against the day of battle and war? By what way is the light parted, which scattereth the *east wind* upon the earth? Who hath divided a *watercourse* for the overflowing *waters*, or a way for the *lightning of thunder*; To cause it to *rain* on the earth, where no man is; on the wilderness, wherein there is no man; To satisfy the desolate and waste ground; and to cause the bud of the tender herb to spring forth? Hath the *rain* a father? or who hath begotten the *drops of dew*? Out of whose womb came the *ice*? and the *hoary frost* of heaven, who hath gendered it?"<sup>2</sup>

"For he maketh small drops of water: they pour down rain according to the vapor thereof: Which the clouds do drop and distil upon man abundantly. Also can any understand the spreading of the clouds, or the noise of his tabernacle?"<sup>3</sup>

"There is very much for science yet to learn concerning the details of the processes of the water cycle. Each phase of the cycle is absolutely necessary for life to exist upon the earth, and offers abundant testimony to its origin at the hands of an infinitely wise, beneficent Creator. There are many more references in Scripture to various phases of the sciences of hydrology and meteorology, all remarkably in accord with the most up-to-date studies in these field."<sup>4</sup>

No wonder we speak of the wisdom of Solomon! But isn't it pertinent to ask

how he happened to know these things when no one else knew them until thousands of years later? This question is answered when one recognizes the inspiration of the Holy Scriptures and God's means of revelation. "For the prophecy came not in old time by the will of man: but holy men of God spake as they were moved by the Holy Ghost."<sup>5</sup> "Blessed be the Lord God of Israel; for he hath visited and redeemed his people, And hath raised up an horn of salvation for us in the house of his servant David; As he spake by the mouth of his holy prophets, which have been since the world began:"<sup>6</sup>

1 Bible. *Ecclesiastes* 1:5-7.

2 Bible. *Job* 38:22-29.

3 Bible. *Job* 36:27-29.

4 Morris, Henry M., *The Bible and Modern Science*, Moody Press, Chicago, 1956; p. 10.

5 Bible. *II Peter* 1:21.

6 Bible. *Luke* 1:68-70.

## CHAPTER 10

# ASTRONOMY

While the word *astronomy* is not in the Bible, we do find the word *astrologer* six times in the book of Daniel, which is in the Hebrew *ashshaph*, meaning *Enchanter, magician*. The word "astrologers" is in the book of Daniel twice, and means "Enchanters, magicians." The Hebrew word for the plural is *ashshaphim*. In Isaiah 47:13, the word "astrologers" means the "stargazers," or the Hebrew *habar shamayim*, and means, *To view the heavens*.

God is recognized as the maker of the stars, (Genesis 1:16); and he also knows their number and their names, (Psalm 147:4). God spoke of the stars, and said, "As the host of heaven cannot be numbered, neither the sand of the sea measured: so will I multiply the seed of David my servant, and the Levites that minister unto me."<sup>1</sup>

The great Ptolemy gave the number of the stars as being 1,056. Tycho Brahe catalogued 777 and Kepler counted 1,005. This number has since been tremendously increased, of course, and the end is not yet remotely in view. It is known that there are over 100 billion stars in our galaxy. Most astronomers now agree that it is humanly impossible to count all the stars. This would not have been admitted by scientists a few centuries ago.

In the 19th Psalm there is a beautiful poem telling how the heavenly bodies (referring to the stars) show forth the glory of their Creator. The sun is here referred to as another of the heavenly bodies. In the Bible there are hundreds of references to stars, the sun, moon, and planets. Evidently the early Bible writers were much better acquainted with the subject of astronomy than are many modern people.

"Modern discoveries have proved that the Bible was right when speaking of the number of the stars being approximately equal to the number of grains of sand on the seashores. This number is so large that it is very difficult to comprehend."<sup>2</sup>

"The Bible refers in a most striking manner to the height of the stars; that is, to their distance from the earth: "Is not God high in the heavens? See the highest stars, how lofty they are!" [Job 22:12].

The true distances to the stars were not known until 1838, when Bessel first computed the distance to a star. Before that time astronomers had little idea how distant stars were from the earth. Now the distances to many stars have been measured, and it turns out that these distances are more than one hundred thousand times the diameter of our solar system.

Another reference to the great height of the stars is found in Isaiah 14:13. Here Satan says, "I will ascend to heaven above the stars of God." The inference here is that it must be a very great distance to the stars. This is exactly what astronomers have found to be the case, though for many years scientists did not know this fact.



It appears that the Biblical writers were aware that the stars differ greatly from each other. Paul, writing to the church at Corinth, says, "There is one glory of the sun, and another glory of the moon, and another glory of the stars: for one star differeth from another star in glory."<sup>3</sup>

This has been verified by astronomers. Not only do stars have different colors, but they also differ widely in size, density, in temperature, and in total amount of light emitted.

"The sun, about which the earth revolves, is an average star. While it is over one million times as large as the earth, there are some stars which are one million times as large as the sun. On the other hand, there are other stars smaller than the planet Mercury."<sup>4</sup>

One of the many sins of the children of Israel was that of worshiping idols. They wanted to worship also the sun, the moon and the stars. In Deuteronomy 4:19, they were warned not to indulge in such worship. In spite of such warnings, sun-worship prevailed many times. Asa and Josiah, kings of Judah, found it necessary to take away the sun images which had been kept at the entrance to the temple.

A number of individual stars and constellations are mentioned in the Old Testament. *Kesi* (Orion) is mentioned in Isaiah. "For the stars of heaven and the constellations thereof shall not give their light: the sun shall be darkened in his going forth, and the moon shall not cause her light to shine." [Isaiah 13:10]. "Seek him that maketh the seven stars and Orion, and turneth the shadow of death into the morning, and maketh the day dark with night: that calleth for the waters of the sea, and poureth them out upon the face of the earth: The Lord is his name." [Amos 5:8].

Job, speaking of the greatness of God, said, "Which moveth the mountains, and they know not: which overturneth them in his anger. Which shaketh the earth out of her place, and the pillars thereof tremble. Which commandeth the sun, and it riseth not; and sealeth up the stars. Which alone spreadeth out the heavens, and treadeth upon the waves of the sea. Which maketh Arcturus, Orion, and Pleiades, and the chambers of the south." [Job 9:5-9].

God challenged Job to answer him relative to God's greatness, and Job's finiteness, "Where was thou when I laid the foundation of the earth? declare, if thou hast understanding. Whereupon are the foundations thereof fastened? or who laid the corner stone thereof? When the morning stars sang together, and all the sons of God shouted for joy? Or who shut up the sea with doors, when it brake forth, as if it had issued out of the womb? When I made the cloud the garment thereof, and thick darkness a swaddlingband for it." [Job 38:4-9]. Pleiades, Orion, Mazzaroth and Arcturus are all mentioned in Job 38:31-32.

"While there is little evidence in the Bible that the Hebrew people had indulged very much in the study of astronomy, yet it is abundantly clear that they recognized a sublime order in the movements of the heavenly bodies. They observed carefully the daily rising of the sun, its majestic movement across the

meridian, and its final setting in the west. This is vividly portrayed in the story of the battle of the Amorites as recorded in the tenth chapter of Joshua. Here it is recorded that the sun stood still in the midst of heaven. This expression undoubtedly refers to the meridian, the great arc connecting the zenith with the north and south points."<sup>5</sup>

Let us examine the "long day" as mentioned above. The space program has endeavored to prove this scripture a "myth" instead of accepting the Biblical Facts of the story. Mr. Harold Hill, president of the Curtis Engine Company in Baltimore, Maryland and a consultant in the space program related the following development:

"I think that one of the most amazing things that God has for us today happened to our astronaut and space scientists at Green Belt, Maryland. They were checking the position of the sun, moon and planets out in space, where they would be 100 years and 1,000 years from now. We have to know this so we don't send a satellite up and have it bump into something later on one of its orbits. We have to lay out the orbit in terms of the satellite, and where the planet will be so the whole thing will not bog down.

"They ran the computer measurement back and forth over the centuries and it came to a halt. The computer stopped and put up a signal, which meant that there was something wrong either with the information fed into it or with the results as compared with the standards.

"They called the service department to check it out and they said (after checking the computer), 'It's perfect.' The I.B.M. head of operations said, 'What's wrong?' 'Well, we have found there is a missing day in space in elapsed time.' They scratched their heads and there was no answer.

"One religious fellow on the team said, 'You know, when I was in Sunday School they told me about the sun standing still.' They didn't believe him but they didn't have any other answer, so they said, 'Show us.' So he got his Bible and went back to the book of Joshua where they found a pretty ridiculous statement for anybody who has 'common sense' to believe. [Joshua 10:8-14].

"The space man said, 'There is the missing day.' They checked the computers, going back into time when it happened but noticed it was hardly enough time. The elapsed time was 23 hours and 20 minutes. There were 40 more minutes to account for. But reading again, it said 'about a whole day.' The religious fellow also remembered another Bible story and that was when Hezekiah was sick. He was told he was out of his head when he said the sun had moved backward. But turning to II Kings 20:9-11, they learned that God had done that for Hezekiah for a sign. It was turned backward ten degrees which was exactly 40 minutes. The twenty-three hours and 20 minutes in Joshua and the 40 minutes in II Kings made the missing day."<sup>6</sup>

Many theories have been proposed in an attempt to give scientific explanation to this "long day in history." None is completely satisfactory and they will not be discussed here. It is sufficient to add that this is one of many miracles recorded

in the Bible given to show that God is the ruler and sustainer of the universe.

When considering the case of Hezekiah and the sun declining on the sundial, Isaiah 38:8, this is, indeed a very remarkable miracle. If taken literally, this means not only that the earth stopped rotating on its axis, but that it reversed its direction of rotation for a short time (40 minutes). Again the scientists have no answer to explain such an event.

"There are a number of allusions in the Bible to eclipses of the sun and moon. In Isaiah 13:10, it is stated that 'the sun will be dark at its rising,' while in Joel 2:31, we have the statement, 'the sun shall be turned to darkness, and the moon to blood.' These two descriptions accord quite well with observations of eclipses of the sun and moon.

"As the shadow of the moon sweeps across the face of the sun it appears that the sun is turned to darkness. When the earth comes directly between the sun and the moon, there is an eclipse of the moon. When the eclipse is complete, it is still possible to see the surface of the moon, due to the fact that the atmosphere of the earth bends the light rays from their straight line path. Thus, sunlight is bent somewhat as it passes the earth, is then reflected by the moon and returns again to the earth. Just as the sun appears to be red when it is setting, due to the passage of the light through the atmosphere, so the eclipsed moon appears orange in color. The Bible uses the apt expression 'turned to blood' to describe this astronomical phenomenon.

"Calculated eclipses of the sun which occurred during the Old Testament times are as follows: July 31, 1063 B.C.; August 15, 831 B.C.; June 15, 763 B.C.; May 18, 603 B.C.; May 28, 585 B.C.; Very likely the prophets Amos and Joel witnessed the eclipse of August 15, 831 B.C. Such an eclipse is vividly described by Amos, 'I will make the sun to go down at noon, and darken the earth in the clear day:' [Amos 8:9].

"The subject of astrology has been connected with astronomy since early times. The reference in Judges 5:20, no doubt refers to the influence of the stars, in the lives of men. The writer says 'From heaven fought the stars, from their courses they fought against Sisera.' However, the Hebrew people seemed to have had little to do with the subject.

In the book of Daniel there are repeated statements made concerning the astrologers. It is to be noted that Daniel and his three friends, though closely associated with astrologers, are always mentioned as keeping themselves separate and undefiled. Again and again, when magicians and the astrologers were unable to perform a task, it was Daniel who was able to do important things for the king. Thus, it is apparent that the Bible condemns the pseudo-science of astrology."

Probably the most fascinating part of Biblical astronomy concerns the star of Bethlehem. This story is told in the second chapter of Matthew. When the wise men from the east came to Jerusalem they asked, "Where is he who has been born king of the Jews? For we have seen his star in the east and have come to worship

him." [Matthew 2:2].

Even the king was greatly disturbed over the news, for he inquired of them diligently at what time the star appeared. This star seemed to be their ever present guide, for it is stated that "the star which they had seen in the east went before them; till it came to rest over the place where the child was," [Matthew 2:9].

"The question before us is this: What kind of a star can continually guide men to a definite point on earth? Many answers have been proposed. One is that this was an unusual conjunction of bright planets. A conjunction is the coming together on the same meridian at the same time of two or more celestial objects. It is known that in the year 6 B.C., there was a conjunction of Mars, Jupiter, and Saturn. However, this conjunction would not have been visible to the wise men for it was too near the sun. Another difficulty is that 6 B.C. is two years too early for the birth of Christ."<sup>8</sup>

"Still another theory is that this star was a nova. A nova is a star that suddenly becomes very bright. ordinarily such a star is too dim to be seen by the unaided eye. Very quickly such a star increases its brightness greatly and becomes as bright or brighter than the brightest star in the sky. Many novae have been discovered and studied. The problem in this case is to explain how such a bright star could serve as a guide to the wise men.

"Another theory proposed to explain the star of Bethlehem is that this was the planet Venus at its greatest brilliance. It is true that this planet does appear at times as a very bright object in the winter sky. However, these wise men knew the movements of the planets, and, therefore, the bright appearance of Venus would hardly have served as a guide to lead them to the Christ child."<sup>9</sup>

Evidently we have another of the many Bible miracles which modern science is unable to explain. Undoubtedly this miraculous appearance, which is called a star, aroused the curiosity of the wise men to such an extent that they followed it for many miles until finally it pointed out the exact place where they wished to visit.

"There is abundant evidence in the Bible that many of the constellations were known to the writers. The Lord asked Job many questions. Among these is the following: "Can you bind the chains of the Pleiades, or loose the cords of Orion?" [Job 38:31]. One constellation has a special significance to the Christian. It is Cygnus, the flying swan or the Northern Cross. It really has the appearance of a huge cross in the summer sky. The six stars forming a cross is about the size of the Big Dipper.

This cross may be said to be the evening's call to worship. It reminds us of the passage from Luke, "Look up and raise your heads, because your redemption is drawing near." [Luke 21:28]. This constellation sinks westward in the sky until Christmas time, then it stands upright just above the horizon in the northwest.

There is rich symbolism here in the fact that the star, Deneb, at the head of the top of the cross, where the head of Christ was, is a super-giant, while the one at the bottom, Albireo, where his feet were, is a telescopic double. It is really very

beautiful with one star being yellow and the other blue."<sup>10</sup>

"In the last book of the Bible and in the last chapter of that book, the Lord Jesus is called 'the bright and morning star.' [Revelation 22:16]. Evidently the writer, the apostle John, had frequently waited for the morning light and had waited and watched for the bright morning star, which is usually a planet. Its beauty had greatly inspired him, so he uses this apt figure by referring to the Lord Jesus Christ as the bright morning star. Many Christians watch for His coming as men of old watched for the morning, and have seen the bright stars of the morning!"<sup>11</sup>

The scientists of the twentieth century tell us that the earth is suspended in space, without resting upon anything. Why did these learned men not know this until recent years? In searching the scriptures we go back to about 1520 B.C., and read the words of a man of God: "He (God) stretcheth out the north over the empty place, and hangeth the earth upon nothing."<sup>12</sup>

No one knows what gravity is, or why it is. It is merely a term invented to explain certain observed phenomena. Truly, there is nothing that modern science can add to, or take away, from the age-old statement that God has hung the earth upon nothing.

For a long time it was believed by many that the earth was flat. Then it was discovered that the earth was round. Isaiah, speaking of God, said, "It is he that sitteth upon the circle of the earth."<sup>13</sup>

The word "circle" is translated from the Hebrew word *khug*, a more exact connotation of which is *sphericity, or roundness*.

In the scriptures we read hundreds and hundreds of verses that speak of the heavens and the earth. Certainly, there are many mysteries therein. God has used some of the mysteries to teach the facts of his people and his church. "And he had in his right hand seven stars: . . . The mystery of the seven stars which thou sawest in my right hand, and the seven golden candlesticks. The seven stars are the angels (ministers) of the seven churches: and the seven candlesticks which thou sawest are the seven churches." [Revelation 1:16-20].

"Through faith we understand that the worlds were framed by the word of God, so that things which are seen were not made of things which do appear." [Hebrews 11:3]. "For the wrath of God is revealed from heaven against all ungodliness and unrighteousness of men, who hold the truth in unrighteousness; Because that which may be known of God is manifest in them; for God hath shewed it unto them. For the invisible things of him from the creation of the world are clearly seen, being understood by the things that are made, even his eternal power and Godhead; so that they are without excuse." [Romans 1:18-20].

As scientists are unable today to number the stars, so it was with Abraham about 1900 B.C. When God was dealing with him concerning the work he had for him to do, he promised him that his seed (not only Jewish descendants, but all true believers throughout the history of the world, Luke 19:9; Galatians 3:29), would be as the stars of heaven. "And he brought him forth abroad, and said,

"Look now toward heaven, and tell the stars, if thou be able to number them; and he said unto him, So shall thy seed be."<sup>14</sup>

"Who can accuse the Holy Spirit of ignorance of modern astronomy? It is glorious to realize that the Great Astronomer who created the heavens, setting all stars and universes of stars in their appointed courses, . . . is the same One who calls you and me to eternal life in Jesus Christ."<sup>15</sup>

- 1 Bible. Jeremiah 33:22.
- 2 Hartzler, Harold H. *Zondervan Pictorial Bible Dictionary* Zondervan Publishing House, Grand Rapids, Michigan, 1966; p. 80.
- 3 Bible. I Corinthians 15:41.
- 4 Hartzler, Harold H. *Zondervan Pictorial Bible Dictionary*, Zondervan Publishing House, Grand Rapids, Michigan, 1966; pp. 80-81.
- 5 *Ibid.*, pp. 80-81.
- 6 *Evening World*, Spencer, Indiana; November 1969.
- 7 Hartzler, Harold H. *Zondervan Pictorial Bible Dictionary*, Zondervan Publishing House, Grand Rapids, Michigan, 1966; p. 81.
- 8 *Ibid.*, p. 81.
- 9 *Ibid.*, p. 81.
- 10 *Ibid.*, p. 82.
- 11 *Ibid.*, p. 82.
- 12 Bible. Job 26:7.
- 13 Bible. Isaiah 40:22
- 14 Bible. Genesis 15:5
- 15 Morris, Henry M. *The Bible and Modern Science*, Moody Press, Chicago, 1956; p. 9.



## CHAPTER 11

**IN THE END –  
CHARLES DARWIN'S CONFESSION**

It may surprise students of evolution who do not know, to learn that in the closing days of his life Darwin returned to his faith in the Bible. Many a man, as he approaches the end and consequently comes more consciously into the presence of God and eternity, has regretted both his views and his conduct. Such a one was Charles Darwin.

The story is told by Lady Hope of Northfield England, a wonderful Christian woman who was often at his bedside before he died. She herself writes it, and not only is it interesting, it is most enlightening. She tells the story in her own words.

"It was one of those glorious autumn afternoons that we sometimes enjoy in England, when I was asked to go in and sit with the well-known professor, Charles Darwin. He was almost bedridden for some time before he died. I used to feel when I saw him that this fine presence would make a grand picture for our Royal Academy; but never did I think so more strongly than on this particular occasion.

"He was sitting up in bed, wearing a soft embroidered dressing-gown of rather a rich purple shade. Propped up by pillows, he was gazing out on a far-stretching scene of woods and cornfields, which glowed in the light of a marvelous sunset. His noble forehead and fine features seemed to be lit with pleasure as I entered the room.

"He waved his hand toward the window as he pointed out the scene beyond, while in the other hand he held an open Bible, which he was always studying. 'What are you reading,' I asked, as I was seated by his bedside. 'Hebrews,' he answered — 'still Hebrews. The Royal Book, I call it.' Then placing his finger on certain passages, he commented on them.

"I made some allusions to the strong opinions expressed by many persons on this history of the Creation, its grandeur, and then their treatment of the earlier chapters of the book of Genesis.

"He seemed greatly distressed, his fingers twitched nervously, and a look of agony came over his face as he said, 'I was a young man with unformed ideas. I threw out queries, suggestions, wondering all the time over everything; and to my astonishment the ideas took like wildfire. People made a religion of them.'

"Then he paused, and after a few more sentences on 'the holiness of God' and 'the grandeur of this Book,' looking at the Bible which he was holding tenderly all the time, he suddenly said, 'I have a summerhouse in the garden which holds about thirty people. It is over there,' pointing through the open window. 'I want you very much to speak there. I know you read the Bible in the villages.

Tomorrow afternoon I should like the servants on the place, some tenants and a few of the neighbors to gather there. Will you speak to them?"

"What shall I speak about?" I asked. 'Christ Jesus,' he replied in a clear emphatic voice, adding in a lower tone, 'and his salvation. Is that not the best theme? And then I want you to sing some hymns with them. You lead on your small instrument, do you not?'

"The wonderful look of brightness and animation of his face as he said this, I shall never forget, for he added, 'If you take the meeting at three o'clock this window will be open, and you will know that I am joining in with the singing.'"

Was there ever a more dramatic scene? The very soul of tragedy is here exposed to us! Darwin, enthusiast for the Bible, speaking with glowing enthusiasm about "the grandeur of this Book," reminded of that modern evolutionary movement in theology which, linked with skeptical criticism, has become a blight in all churches and has destroyed Biblical faith in multitudes; Darwin, with a look of agony, deploring it all and declaring: "I was a young man with unformed ideas."

This remarkable picture of Darwin is a challenge to every Modernist. What an overwhelming criticism! The "unformed ideas" of the young man Darwin are the basis of modern evolutionary theology! As a believer Darwin willed his fortune to Christian Missions. It is either Evolution or Christ. With Charles Darwin it was Christ!<sup>1</sup>

1 *Tract of the People's Church, Toronto, Canada; Baptist Banner, Goodlettsville, Tennessee, Vol. 20, July 1985; p. 6*

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