



Human Hair Mark Stewart

At the base of each hair follicle are small muscles called erector pili. When these muscles are stimulated by sympathetic nerve fibers, they pull on the base of the hair follicle causing the hair to become perpendicular to the skin surface. At the same time, as the muscle pulls on its attachment to the dermis, it tends to produce a dimple on the skin resulting in the appearance of "goose pimples." In addition, contraction of the muscle squeezes the sebaceous glands forcing oil into the follicle and into the skin. This total process is called piloerection. If a person is emotionally upset or becomes cold, piloerection usually is an automatic response.

The purpose of piloerection is to protect against heat loss. In most mam-

mals piloerection entraps large quantities of air around the skin surface and provides an increased insulation against the cold environment. Guyton (1) claims that "in the human being this mechanism does not protect against heat loss because of the scarcity of hairs." There is no survival or comfort advantage of "lower" mammals over humans in this regard as humans have the brain power not only to seek shelter but to make insulating clothes for protection against the wind and cold. "Lower" mammals can't make clothes for themselves, therefore, they need a heavier coat of hair all over their bodies in order to protect against the wind and cold.

The question is often asked,

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DEVOTIONAL THE FOOLISHNESS OF HUMAN WISDOM

"Professing themselves to be wise, they became fools" (Romans 1:22).

The Lord Jesus, in Matthew 5:22, warned His disciples against calling anyone, "Thou fool," since we can only judge by outward acts. Yet the Scriptures, in general, and Christ, in particular (who could discern the inward character), do not hesitate to describe certain types of people as fools.

For example: "The fool hath said in his heart, There is no God" (Psalm 14:1). Anyone who tries to explain away all the innumerable evidences of God is a fool, the Bible says. So is anyone who rejects the teachings of Christ: "And every one that heareth these sayings of mine, and doeth them not, shall be likened unto a foolish man, which built his house upon the sand" (Matthew 7:26). In particular, one who lays up riches for himself is in this

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Special points of interest:

- *May meeting: 17th, 6:30 PM, Fireside Room, First Baptist Concord, Glenn Jackson will be the speaker*
- *June meeting: 28th, 6:30 PM, Fireside Room, First Baptist Concord, Mike Vallie will be the speaker*
- *We have books, videos and tapes for sale! Check out our website for more details: www.etcsa.org/*

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"What is the function of the thin coat of hair on the arms, legs, and face of humans if it is negligible in preserving surface heat?" Landau (2) claims that human hair has one functional advantage over hair of other mammals as "there are touch receptors around the base of many hairs that are stimulated when the hair is bent." Aside from touch reception, the hair traits of humans vary with age, sex, race and individuals, producing mammoth variations in looks and appearances.

Evolutionists claims that "hair is a mammalian analogue to the avian feather" (3). However, there are gross differences between their developments: feathers develop from mesoderm while hair, with the exception of the basal papilla, develops totally from ectoderm. Hairs, unlike feathers, are not modified horny scales, but new structural elements of the skin. All mammals have both hair and scales, although evolutionary thinking (4) claims hairs are not homologous

to reptilian scales.

According to Tortora and Anagnostakos (5) the "primary function of hair is protection. Though the protection is limited, hair guards the scalp from injury and the sun's rays. Eyebrows and eyelashes protect the eyes from foreign particles. Hair in the nostrils and external ear canal protect these structures from insects and dust."

(1) Guyton, A.C. *Function of the Human Body* (1974) pg.404

(2) Landau, B.R. *Essential Human Anatomy and Physiology* (1981) pg.70

(3) Hymen, L.H. *Comparative Vertebrate Anatomy* (1963) pg.95

(4) Romer, AS. *The Vertebrate Body* (1962) pg.118

(5) Tortora, G.J. & N.P. Anagnostakos *Principles of Anatomy and Physiology* (1981) pg.109

Flapping Fins

The 5/22/99 issue of *Science News* carried a feature article on the evolution of fish into amphibians. It discusses the new *Casineria* fossil. As usual, when an evolutionist finds some new answer to an old problem, he then finally admits how really bad the old fossils were. Here are a few choice selections from the article.

"... there was a huge gap in the fossil record... *Casineria* is beginning to fill that gap." Hey, they never told us it was so bad before.

They even point out why *Ichthyostega* and *Acanthostega* aren't very good transitional forms! *Ichthyostega* had seven toes and *Acanthostega* had eight. Then they point out that no vertebrates have ever had more than five since, suggesting that the new fossil is



“Evolutionists usually don't have the guts to openly refer to fish as our ancestors.”

our really real ancestor now.

"... that led our ancestors from the security of the watery world..." This is rare. Evolutionists usually don't have the guts to openly refer to fish as our ancestors. They must really think they're onto something here.

They mention, "*Casineria* seems extremely advanced for its time." Well, I'd certainly say so. Its time was the same as the time of humans, but if you didn't know that you might really be surprised like these people are. Folks, keep thinking. Keep reading. Keep understanding. Don't let anything you read just go on into your head "unfiltered." Keep your "baloney detector" on high-beams, like Carl Sagan and Phillip Johnson have both suggested in their books.

Sam Fox

LETTER FROM THE PRESIDENT

I want to thank everyone for their faithful attendance at our meetings and their financial support. One of our goals is to provide free literature to lay people and to hand out at different functions we attend. We have also stepped up our efforts to invite some of the top Creationist Speakers in the World to come and speak at our monthly meetings. We also pub-

lish a bi-monthly newsletter which now has a distribution of 140. Please help us to continue in these services to the Lord. Enclosed with this months newsletter is a self addressed envelope for your convenience. Thank you for your support and prayers.

In the Creator's Service, Kent Settlemyer

DINOSAURS by Bob Zuvich

What Is A Dinosaur?

The first discovery of dinosaur bones was by Dr. Mantell, and his wife Mary Anne. In 1822, they found a rock with a fossil tooth in it. They sent this and more like it to Baron Georges Cuvier, a Creationist. He was also one of the founders of Paleontology. He believed that fossils were the result of the flood of Noah. He thought that these fossils were from some extinct rhinoceros species. The doctor then took the fossils to a man who studied the lizards and reptiles of Mexico and South America. The man called them IGUANODON. Later, William Buckland, a geologist at Oxford University (also a Creationist), gave them the name Megalosaurus. Soon more fossil bones like these were found. The name Dinosauria was given by Sir Richard Owen, superintendent of the Natural History Department of the British Museum. Dinosaur means "Terrible Lizard". All dinosaurs are thought by evolutionists to have evolved from a reptile called a thecodont.

How Big Were They?

The smallest dinosaurs were about the size of a chicken, and the longest is Seismosaurus or "Earth Shaker", 140 feet long and about fifty tons. The Pteranodon, found in Glen Rose, Texas was the size of an F-10! It could not ever fly in the present atmosphere. The air pressure is too low. The pre-flood atmosphere is the only one that allows for flight for this size animal. *"The Present being the key to the Past"* would not account for the Pteranodon flight. If the past atmosphere was the same as the present, then it could not fly. Evolution says that the past atmosphere was the same as today.

A Tyrannosaurus Rex found in Glen Rose, Texas had teeth six inches long in a four-foot mouth. The reason for the large size can NOT be determined by Uniformitarianism. *"The Present being the key to the Past"* would not account for the amount of food required to feed them. If the earth were the same then as now, then they couldn't have survived. ONLY the Pre-Flood conditions would be sufficient to support such eating machines. Reptiles grow throughout their lives and this would also account for their size. If they lived to be several hundred years

and grew the entire time on luxuriant plant life, then you WOULD get a large reptile.

The Fossil record confirms the Pre-Flood conditions of Tropical climate and abundant plant life as described in the Bible. There is no proof that large Dinosaurs like Tyrannosaurus Rex ate meat. The Spider Monkey, as well as many other animals, eat fruit or vegetation and have nasty looking teeth. One cannot tell, from the teeth, what the diet is or was.



"The Pteranodon... could not ever fly in the present atmosphere."

Why Did They Die?

Many theories about why the dinosaurs died exist among the world's scientists. They simply do not know. The Bible tells why.

- **"Early" Rodents ate all of the dinosaur eggs.**
This is preposterous as they supposedly lived alongside each other for millions of years!
- **Overweight dinosaurs got slipped disks. This rendered them unable to find food.**
PLEASE!!!
- **World wide heat wave of several degrees killed them.**
- **The dinosaurs' testicles were caused to be sterile from the heat, and the rest is history!**
- **They were fussy eaters and their food favorites went extinct.**
- **They couldn't distinguish well, because of their small brains, so they accidentally ate poisonous plants.**
- **Massive case of constipation!**
- **A Massive meteor hit the earth and the dust cloud caused a long winter, freezing them.**
- **They passed too much gas, and formed a greenhouse effect! This is the latest theory.**

Q & A by Kent Hovind

Q: How did animals travel from all over the world to get to the Ark?

A: This question assumes that the world before the flood was like the world is today with animals specialized for certain areas. Today the world is 70% water and the oceans separate the continents. Also, some animals only live in a few selected locations. The Bible teaches that before the flood the water was gathered into one place (Genesis 1:9). There was probably one ocean and much more landmass. Also, if the climate was more temperate animals could live in all types of places which means

Noah did not have to go gather animals from all over the world. In fact, the Bible says that the animals came to Noah (Genesis 6:20).

Q: It would take 4.4 billion cubic kilometers of water to cover Mt. Everest. Where did the water come from to flood the earth?

A: This question also assumes the pre-flood world was like the world is today. The Bible states clearly that the water was 15 cubits over the tallest mountains. Seashell fossils have been

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“Set in the Defense of Creation Science”

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found on top of mountain ranges all over the world. The top of Mt. Everest is covered with petrified, closed clams. They had to be buried alive to be petrified in the closed position. This was definitely a worldwide flood. The Bible says in Psalm 104 that as the flood ended the mountains lifted up and the valleys sank down and the water hasted away. Today's mountain ranges are well above sea level, but this was not the case before the flood. If the earth were smoothed out today, that is, the mountains pressed down and the ocean basins lifted up, there is enough water in the oceans right now to cover the entire earth 8,000 feet deep (approximately 1.5 miles).

All of the water ran off rapidly through the soft sediments into the ocean basins during the last few months of the flood. This would explain the rapid carving of features such as the Grand Canyon and the Bad Lands.



*How did the
flood cover the
tallest moun-
tains?*

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category. “But God said unto him, Thou fool, this night thy soul shall be required of thee: then whose shall those things be” (Luke 12:20). Christ rebuked the Pharisees as “fools and blind” (Matthew 23:17,19) because of their hypocrisy.

But perhaps the most foolish of all are those who proclaim themselves to be wise and then seek to rationalize their rejection of the Word of God. The Apostle Paul gravely warns against all such man-centered wisdom: “For the wisdom of this world is foolishness with God” (I Corinthians 3:19).

Such “wisdom” led to ancient paganism, and is now centered in evolutionary humanism. They “became vain in their imaginations, and their foolish heart was darkened. Professing themselves to be wise, they became fools, And . . . worshipped and served the creature more than the Creator” (Romans 1:21,22,25, as in the context of Romans 1:18–32). Such humanistic philosophy commonly masquerades as “science,” but God has warned: “I will destroy the wisdom of the wise” (I Corinthians 1:19). Henry M. Morris, Ph.D.