

measured (or mis-measured via cultural conditioning or bias, as the case may be); there is no meaningful way to measure the capacity of animals to apprehend facts and propositions and their relations and to reason about them.

(d) Use of fire

The Bible provides little information about early man's use of fire. In Genesis 4:22 Tubal-Cain is reported to have forged tools. This would require the use of fire. However, if Tubal-Cain was born a long, long time after Cain (as was suggested above, under the discussion about the use and manufacture of tools), then this does not help us.

in Genesis 8:20 we are told that Noah sacrificed burnt offerings following the Flood. This definitely involves the use of fire. However, the question of how extensive was man's use of fire for warmth and for cooking during the period from Adam to Noah is not answered for us.

On the other hand, Scripture gives not the slightest hint about the use of fire by any animal in any period of history.

(e) Building of structures

In Genesis 4:17 we read that Cain, Adam's immediate son, built a city. According to the *Theological Wordbook of the Old Testament* edited by R. Laird Harris, Gleason L. Archer, Jr., and Bruce K. Waltke, the Hebrew word *iyrah* (עִיר) refers to a permanent settlement without reference to size or claims, generally surrounded by a wall. It is difficult to know how large Cain's settlement was, since Cain was Adam's immediate son, and there were not yet many people on the earth. However, if Cain experienced the same order of longevity that Adam and Seth experienced, then there would have been enough people among his own family to make up a settlement.

But what kind of structures made up this settlement? Did Cain and his people live in caves? lean-to's? huts made of branches and thatch? mud houses? stone buildings? We do not know.

In Genesis 4:20 we read of Jubal, who was the prototype of those who live in tents and raise livestock. Of course, if Jubal was born a long, long time after Cain, this does not tell us about early man. In fact, a good many people today live a nomadic type of life, living in tents and raising livestock which must frequently be moved to find new grazing areas.

In Genesis 6:14-16, 22, we read that Noah built a huge, fairly elaborate structure, the ark, according to God's command and basic design. Did God instruct Noah as to how to go about implementing this basic design? We are not told.