

(Question from the audience)

Well, this would - this particular fossilized remains was dated on the basis of geological ages rather than on radio-activity. See your carbon 14 dating is based on the idea that there is carbon 14 in the atmosphere all the time. Plants are picking up carbon dioxide, manufacturing it into cellulose sugar. We have it interchanged between the carbon that we take in ~~XXX~~ in our food intake and the carbon dioxide we give off. So that there's a relatively constant amount of carbon 14 in our bodies all the time. Now when a body dies that exchange stops. And there should be then a diminishing amount of carbon 14 in dead bodies and a relatively constant amount of carbon 14 in live bodies. Now your rate of decay then becomes the determining factor. If a body died 5000 years ago, today it would only have half of the carbon 14 that you or I have. Now if it died 10,000 years ago it would have only one-fourth. As Dr. MacRae pointed out, the further back you go the less carbon 14 is left and you reach a point after while where the activation of instruments by cosmic rays, by background as they call it, becomes as great as the activation by the specimen under examination. And then you get into a problem of size of your error. So that radio carbon dating is very valuable back maybe 10,000 years. Beyond that it becomes questionable and beyond 25,000 years it's useless. Now uranium does not enter in to any such (4.5) so that we would not be able to use uranium decomposition to date. That would be a matter of the earth's crust of rock formation.

(Question from the audience)

That's a good question. If you will go back to the third verse of Genesis - "And God said, 'Let there be light:' and there was light." - can we not assume that the light there was sufficient to activate our cells and our plants that were created in the 11th verse? True our plant life we know as depending on light today, and the major source of that light is sunlight. But how many people at home have a beautiful greenhouse in the cellar of their home just by using incandescent or fluorescent lights? I don't know the details of the light that's mentioned in this third verse but there seemed to be light there.

Dr. MacRae do you have anything to add to that? (No)