



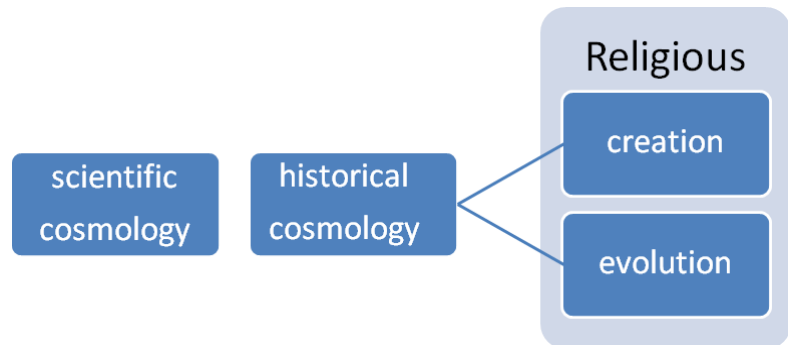
# My Ready Defense

## Week 5 - Cosmology

### Two Views of Historical Cosmology

1. Creationists begin with creation account in Genesis and add up the genealogies in the Bible, beginning with Adam, to arrive at an age for the universe of about 6000 years.

**Exodus 20:11:** For in six days the Lord made heaven and earth, the sea, and all that in them is, and rested the seventh day: wherefore the Lord blessed the sabbath day, and hallowed it.



2. Evolutionists believe that the universe formed about 13.8 billion years ago and the earth formed about 4.5 billion years ago and the key ingredient was time.

*"Time is in fact the hero of the plot. The time which we have to deal is the order of 2 billion years. What we regard as impossible on the basis of human experience is meaningless here. Given so much time, the 'impossible' becomes possible, the possible probable, and the probable virtually certain. One has only to wait: time itself performs the miracles."* G. Wald, Harvard, 1954

3. **Genesis 1:1:** In the beginning God created the heaven (Shamayim) and the earth ('erets).
4. **Exodus 20:11:** For in six days the Lord made heaven (Shamayim) and earth ('erets), the sea, and all that in them is, and rested the seventh day: wherefore the Lord blessed the sabbath day, and hallowed it.
5. **Proverbs 30:5-6:** Every word of God is pure; He is a shield to those who put their trust in Him. Do not add to His words, Lest He rebuke you, and you be found a liar.
6. The Hebrew word for day (yom) can have a number of different meanings, just like in English, but even outside of Genesis...
  - a. When the word "day" is used with a number (410 times), it always means an ordinary day.
  - b. When the phrase "evening and morning" is used (38 times), it always means an ordinary day.
  - c. When the words "evening" or "morning" are combined with the word "day" (23 times), they always mean an ordinary day.
  - d. When the word "night" is combined with the word "day" (52 times), it always means an ordinary day.
  - e. For clarity, Genesis 1 includes all of the above, so why would it be an exception?
7. Our day is based on the rotation of the earth, our month is based on the orbit of the moon around the earth, our year is based on the orbit of the earth around the sun, but our week is based on the days of creation as described in the Bible.
8. **2 Peter 3:8:** But, beloved, do not forget this one thing, that with the Lord one day is as a thousand years, and a thousand years as one day. This scripture provides no support for long days of creation:

- a. "with the Lord" describes that God is outside of time and has nothing to do with our days
- b. you cannot use a phrase in the New Testament to interpret a Hebrew word
- c. even if God counted the 6 days of creation as 6000 years, we would still be well short of the billions of years required to entertain the idea of evolution.
- d. if you consistently replace days with a 1000 years in the Bible, then Jonah was 3000 years in the fish, Joshua walked around Jericho 7000 years and Jesus was resurrected in 3000 years.

*"When Moses writes that God created heaven and earth and whatever is in them in six days, then let this period continue to have been six days, and do not venture to devise any comment according to which six days were one day. But, if you cannot understand how this could have been done in six days, then grant the Holy Spirit the honor of being more learned than you are.*

*The "Days" of Creation were ordinary days in length. We must understand that these days were actual days, contrary to the opinion of the holy fathers. Whenever we observe that the opinions of the fathers disagree with Scripture, we reverently bear with them and acknowledge them to be our elders. Nevertheless, we do not depart from the authority of Scripture for their sake."* *Martin Luther*

SCIENTIFIC COSMOLOGY

1. The presence of spiral arms on galaxies indicates that they are not billions of years old.
2. The observation of less than 300 supernovae indicate an age for the universe of only thousands of years.
3. The hot temperature of Jupiter combined with the fact that it is losing heat very rapidly indicates that it is not billions of years old.
4. Jupiter's moon, Ganymede, has a strong magnetic field indicating that it is composed of liquid molten metal, yet it would have cooled solid if it were billions of years old.
5. The rings around Saturn are expanding and would not still be there if it were billions of years old.
6. Based on the rate at which the moon is getting farther from the Earth, less than a billion years ago it would have been close enough to cause the tides to drown everything twice daily. 1.3 billion years ago, it would have been in contact with the earth.
7. The tail of debris behind short period comets indicate that they could not survive more than 10,000 years, yet we still have them today.
8. Clumps of dust collide and break apart, rather than combine to form **planets**.
9. According to evolution, **Mercury** cannot be as dense as it is and cannot have a magnetic field, but it does.
10. According to evolution, **Venus** should have a moon and magnetic field, yet it has neither. It also has a surface that is consistent with a solar system that is only thousands of years old.
11. Of over 1000 planets studied in hundreds of solar systems, the **Earth** is the only one designed with just the right position, size, composition, rotation, orbit, tilt, atmosphere, etc., required to sustain life. According to evolution, the earth should not have any liquid water, yet it is the only known source with enough to cover the entire earth's surface 1.5 miles deep, if it were leveled out.
12. Of the nearly 200 planet satellites studied, the **moon** is the only one designed with just the right position, size, composition, rotation, orbit, tilt, etc., required to give the Earth moderate habitable seasons, perfect solar eclipses and tides that cleanse the shorelines and circulate ocean water as needed for ocean life, without flooding the continents.