

Roland Windell, President

Joseph Lynch, Vice-President

Vernon Payne, Secretary-Treasurer; 212 W. First St., San Angelo, Texas 76903.

NEXT MEETING: Wed, Aug 6, 7:30 PM at the Roy E. Moon Statio, 544 S. Parkway, rear. Film.

Headline, Religion Page, San Angelo Standard-Times, 6-28-80: "Joining mature science with theology may strengthen religion." (The Ed should have qualified theology also - MATURE theology). Cornell, the writer, says, "Science...has been a factor in diminishing religious belief....The solution is not in some constructive theology or philosophy cutting religion off from science, but in bringing them back together in more truthful way."

Leading article, Readers Digest, July 1980: "HAVE ASTRONOMERS FOUND GOD?" - as condensed from New York Times Magazine. By Robert Jastrow. The story is headed by a photo of Albert Einstein and Edwin Hubble at the eyepiece of the Mt Wilson telescope, in 1930. It is thus that Jastrow tries to canonize his neo-opinions. Please bear with me again on Dr Willard Libby, quoting him when he was aghast at an obvious error in astronomy science that had become widely accepted: "The profession must be full of asses...."

In his NY Times, RD fantasy, Jastrow writes: "Science has proved that the universe exploded into being at a certain moment....about 20 billion years ago."

The "proof" that Jastrow cites for his "clincher" quoted above is the recent finding by Penzies and Wilson, Bell Laboratories, that "all space" has a reverberating whisper of radiation from the Big Bang. Big Deal? Not quite! To us, "all space" includes only the space across a few dozen light-years near our Solar System, which indeed might be reverberating from the supernova that provoked this and other nearby star systems of our Local Group into existence. This re-cycling of the mass and matter of universal space is a theory quite well-proven in many examples in process, from Crab Nebula, Hyades and Pleiades to the quasars. The Crab, 3,500 LY distant, Bang observed 900 years ago, is just 6 LY in diameter, still expanding at 60 million miles a day. Loop Nebula, 1,000 LY distant, expands at 2 or 3 million per day, but the wreath of its gases is so great that its Bang might have been 100,000 years ago. These two are cited as just recent supernovas. Recall ye that our Sol, and star Alpha Centaurus seem almost twins.

"Proof" had been offered by theologians quoting Genesis I for centuries, says Jastrow. On close analysis, Genesis I applies only to our borning baby earth and baby Solar System. I wonder if the best gurus of Science, and those of Religion, could be brought together in a symposium, a symbiotic symposium, about the meaning of the phrase, "from everlasting to everlasting! No one will deny that we are in the midst of tremendous strides of discovery in astronomy. But until Science has better understood the neutron, and the elusive force of gravity, we may be sure that astronomers have not even found the thread that could hold a button on God's vest.

Both Einstein and Hubble proposed "constants" that each cautioned were subject to correction. But a great many have taken them, fixed them as axioms not subject to question. Well, this scribe has challenged some points about those Constants time and again in these S&H pages. Have you not noticed that "speed of light" is a misnomer? Just as that wonderful, elastic stuff, EMF, part of which we call "light", has an infinity of wavelengths, so it has an infinity of "speeds" and the only "constant" about it is that a certain wavelength of it has to be maintained by a certain speed of it. Once a wave of it hits us on Earth, just try to shrink or stretch it all away! If Einstein "discovered" Relativity, is it possible that he did not apply himself adequately to this elementary aspect of Relativity? Devotees of the idea that Red Shift means Expanding Universe hold that EMF does not get tired on the long journey to us from the galaxies, but will turn around and declare that there's no such thing as "perpetual motion."

What happens to the laws re conservation of energy when Black-Hole devotees start making big-uns out of little-uns, and let them gobble up EMF in infinite quantities? What happens when a regular black-hole gobbles up an anti-matter black-hole?

Relax Ye. There was no Original Big Bang, and are no insatiable Black Holes. Nature, God, and the atoms do not act that way.

Joy to the World! ... Yours,

E A R T H Y A S T R O N O M Y

Thank Heaven for the solace of inconsequential things!

Whence is the issue of that salt jet of awe into the eye
when it beholds an immensity of beauty, like
a cosmos of congregated flowers stretching on
and on across the hills of the horizon:
How is a tear?

What is that tide that comes into the eye
when the mind beholds infinities of harmony in truth;
when a lightning-bolt of thought reveals
the dream to be reality, and reality a dream:
Why is a tear?

Who full shrewdly tilted the axis of the rotation
of my impulses to the plane of the revolution
of my moods; to the ecliptic of my hopes;
the equator of my galaxy of convictions?

Who has decreed the degree of Absolute
in the eclipsing binaries of truth; who has lighted
the mists of the nebula of what-ought-to-be
about the shell-star of man's inhumanity to man?

Thank Heaven for the refuge of inconsequential things!

- Vernon Payne, in Cyclo*Flame 1971