

A FEW OF THE PROBLEMS TO BE SOLVED:

- 1 - SPONTANEOUS GENERATION HAS BEEN SCIENTIFICALLY DISPROVED
- 2 - INSTANT SUCCESS WOULD HAVE TO BE NECESSARY FOR THE LIFE FORM TO SURVIVE
- 3 - THOUSANDS OF ESSENTIAL BODY PARTS AND THOUSANDS MORE OF ESSENTIAL CHEMICAL COMPOUNDS WOULD HAVE TO INSTANTLY FORM THEMSELVES
- 4 - BOTH MALE AND FEMALE FORMS WOULD NEED TO MAKE THEMSELVES AND NEAR EACH OTHER IN SPACE AND TIME
- 5 - LAW OF MASS ACTION WOULD IMMEDIATELY DESTROY CHEMICAL COMPOUNDS
- 6 - WATER IS NEVER CONCENTRATED ENOUGH TO PRODUCE LIFE CHEMICALS
- 7 - THERE IS NO LAB EQUIPMENT OUT IN NATURE
- 8 - CONDENSATION PROBLEM: WATER MUST BE CAREFULLY REMOVED FOR FATS, SUGARS, AND NUCLEIC ACIDS TO DERIVE OUT OF PROTEIN
- 9 - PRECIPITATION PROBLEM: ENZYMES WOULD IMMEDIATELY BE DESTROYED
- 10 - MOST LIFE CHEMICALS NOT FOUND IN WATERY ENVIRONMENT
- 11 - LIGHTNING BOLTS ONLY DAMAGE OR KILL AND COULD NOT BE THE ENERGY SOURCE
- 12 - OXYGEN PROBLEM: LIFE COULD NOT ORIGINATE WHERE THERE IS OXYGEN
- 13 - LIFE COULD NOT SURVIVE WITHOUT CONTINUAL OXYGEN
- 14 - OXYDIZED IRON IS FOUND IN ROCKS EXISTING WHEN LIFE IS SAID TO HAVE ORIGINATED
- 15 - LIFE COULD NOT ORIGINATE WITHOUT WATER, BUT THERE CAN BE NO WATER WITHOUT OXYGEN
- 16 - A REDUCING ATMOSPHERE WOULD PRODUCE LIFE-KILLING PEROXIDES
- 17 - ULTRAVIOLET LIGHT IN REDUCING ATMOSPHERE WOULD IMMEDIATELY KILL LIFE
- 18 - WITHOUT OXYGEN THERE WOULD BE NO PROTECTIVE OZONE LAYER
- 19 - PROTEINS WOULD IMMEDIATELY HYDROLYZE AND DESTROY THEMSELVES
- 20 - THERE WOULD NOT BE ENOUGH CHEMICALS AVAILABLE TO FORM EVEN THE SIMPLEST PROTEIN
- 21 - NITROGEN IS IN MOST BIOCHEMICALS, BUT THERE IS NOT ENOUGH CONCENTRATED NITROGEN IN NATURE TO FORM LIFE
- 22 - THERE IS NOT ENOUGH AVAILABLE PHOSPHORUS IN NATURE EITHER
- 23 - SCIENCE HAVE NO IDEA HOW TO MAKE FATTY ACIDS, OR HOW THEY COULD MAKE THEMSELVES
- 24 - THE ATMOSPHERE THROUGHOUT THE WORLD WOULD HAVE TO INSTANTLY CHANGE FROM NO OXYGEN TO ITS PRESENT OXYGEN-RICH CONTENT
- 25 - EXTREMELY COMPLICATED CHEMICAL COMBINATIONS NOT FOUND IN NON-LIVING MATERIALS EXIST IN LIVING TISSUE
- 26 - RESIDUE PROBLEM: SINCE SUCH EXTREMELY RICH CHEMICAL MIXTURES ARE FOUND IN LIVING THINGS, WE SHOULD FIND RESIDUES OF THEM IN NATURE, BUT THEY DO NOT EXIST
- 27 - ACCIDENTAL FORMATION OF AMINO ACIDS WOULD PRODUCE EQUAL AMOUNTS OF LEFT-AND RIGHT-HANDED ONES, BUT ONLY LEFT-HANDED FORMS EXIST IN ANIMAL LIFE
- 28 - DISSOLUTION PROBLEM: EVEN IF THE CORRECT CHEMICALS COULD GATHER TOGETHER, THE NEXT INSTANT THEY WOULD SPONTANEOUSLY DISINTEGRATE, BY REFORMING WITH OTHER CHEMICALS
- 29 - IMMEDIATE, COMPLETE DUPLICATION AND REPRODUCTION OF DNA, PROTEIN, ENZYMES, FATS, CELLS, ETC., WOULD BE NEEDED FOR SURVIVAL
- 30 - THERE IS NOT THE REMOTEST POSSIBILITY LIFE COULD ORIGINATE BY ITSELF. THERE IS NOT ENOUGH TIME AND SPACE IN ALL THE UNIVERSE IN ALL ETERNITY TO PRODUCE OUR PRESENT MYRIAD OF LIVING SPECIES ON EARTH

