

ON SCIENCE & NATURE AS REALITY

Some aphorisms, sayings, maxims, adages, dictums, epigrams, proverbs, precepts attributed to Li Kiang by Albert G. Wilson

1. Science is about the attempts to solve with theories the problems have been created by theories.
2. A new model of time is required if we are to subsume the totality of our experience.
3. It's not science if you can't repeat it; It's not art if you can repeat it.
4. "There are many varieties of existence, some here, some elsewhere."
(from Wilson's biography of LI Kiang).
5. Potentiality and its realization depend on a fine balance between structure and amorphism.
6. There is no awareness of form except through the viewing of alternatives.
7. Reality is surrogate eternity; our substitute for that which we cannot directly experience.
8. We have become addicted to the analogue (the continuous) (note: it gives us reality) and only now in the age of computers are we beginning to understand the powers of the digital (the discrete).
9. The infrastructure of the world is not matter it is rhythm.
10. When difference is minimum, competition is maximum.
11. Two concepts that are undefinable; God and Random.
12. Causality, interference and time are all unidirectional.
13. We can impose order on nature, but we can impose greater order on the works of man.
14. A miracle is not an event that violates the laws of nature. A miracle is an event that violates our ignorance.
15. For experience we agree to accept, we have the label reality;
For experience we agree to ignore, we dare not a label.
16. Knowledge of nature is not extracted from nature, it is projected onto nature, and a Cosmos or Universe is that which is capable of receiving all projections.
17. We are called to confront nature and the cosmos with the multifaceted, pluralistic approach of art rather than the mono-view of the science.
18. The detection of life and intelligence in the universe boils down the determining what is local as against what is global. Structures and activities that are local, not global reveal the presence of opposition to

the second law. Universal or global laws belong to the natural order, local belong to life and intelligence.

19. Still we must transform the void into firmament in order that we may know and be. But then we must accept its etherialization. This is the greatest departure and return.
20. The greater the homogenization, the smaller the energy flow.
21. The Principle of Plenitude homogenizes at high cost of energy, while the Second Law of Thermodynamics homogenizes at no cost of energy.
22. Technology includes attempts to solve with technology the problems that have been created by technology.
23. Side Note: If existence occurs at the intersection; All else is "dark Matter.
24. The domain of the experienceable is along the interface.
25. I didn't get to tell you about Li Kiang's cosmology. It is known as the Kiang Bang. I have tried to get him to explain it to me in more detail but he is always busy with something new. That guy has to be tied down some day. (from email msg, AGW to Troncale, Dec 3, 1997).