

kind and amount of change natural selection can produce — **no matter what the time involved.** You could calculate how long it would take you, pedaling a bicycle at 10 mph (16 kph), to reach the moon, but such an extrapolation would ignore serious limits to getting to the moon on a bicycle — even if you had zillions of years to do it!

Following are some of the limits that prevent extrapolation from natural selection to evolution — limits causing a growing number of 21st century scientists to say, “*Natural selection, yes; evolution, no.*”

NATURAL SELECTION, YES; EVOLUTION, NO

(1) What does “fittest” mean?

The definition of “fittest” guarantees that *natural selection must be accepted as a fact*. Most people assume that “fitness” refers to features of structure, function, or behavior that suit an organism for a particular role in its environment. It doesn’t. Fitness is defined by scientists solely in relation to relative reproductive success. *Members of a population that leave the most offspring to the next generation are fittest by definition.*

You may have thought the dark-colored peppered moth was fittest to survive in a polluted forest because it was most camouflaged. But what if the extra melanin production interfered with, say, sex hormone production and made the dark-colored moths sterile? Obviously, the superior camouflage would *not* make such a moth fittest to survive! Evolutionists think the camouflage helped, of course, but the dark moths were really determined to be “fittest to survive” because a greater percentage of their offspring survived in polluted forests than the percentage for any other color form.

Think about zebras. Their survival depends on their ability to outrun lions. So, the fastest zebra would be fittest, right? Not necessarily. Suppose the fastest zebra was hard of hearing or had a poor sense of smell. It could have outrun the lion and the rest of the herd — if only it had sensed the lion's coming! Or suppose the

sisters for family favors. Natural selection is the *ultimate sibling rivalry*, a struggle to the death among members of the same species. Even members of a plant species compete with one another (not consciously, of course) for water and minerals from the soil and a place in the sun. Some variants of a species are more likely to leave more offspring to the next generation than others, but *at most* the *intraspecific competition of natural selection* produces *variation within kind*, NOT change from one kind to another. *Natural selection, yes; evolution, no.*

A classic lab kit sold to demonstrate natural selection does nothing of the sort. The kit includes *two different species* of flour beetle, *Tribolium confusum* and *T. castaneum*. By changing temperature and moisture conditions and adding predators and different hiding places, students can see one beetle species survives better under this condition, the other beetle species under that. Competition between different species as conditions change is *ecological competition*, not at all natural selection among members of the same group.

Evolutionists, however, did report an example of natural selection that once occurred in a flour beetle experiment. A mutant beetle occurred in one species, and offspring of that beetle eventually wiped out other members of that species — natural selection in action. The supposedly “new and improved” beetle species then lost the ecological competition with the other beetle species under conditions that the pre-mutant beetle species formerly won. As evolutionists recognize, *winning the natural selection battle can lead to losing the ecological war* — “*mischievous results*” of natural selection one evolutionist called it.

(d) *Succession versus evolution.* Evolution is a *hypothetical* process that is supposed to change a few simple forms over time into many complex and varied forms. There is a real process of change through time in which a few life forms *are* followed by a series of more and more complex and varied forms, but the *real* process is *ecological succession*, NOT evolution. If you watched

... natural selection operates essentially to enable the organisms to *maintain* their state of adaptation rather than to improve it (emphasis added).

Natural selection does not lead to continual improvement (evolution); it only helps to maintain features that organisms already have (creation). Lewontin also notes that extinct species seem to have been just as fit to survive as modern ones, so he adds:

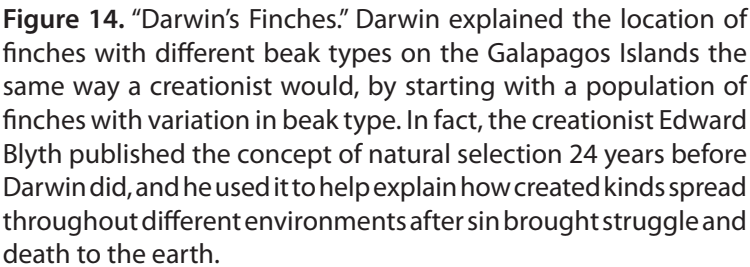
... natural selection over the long run does *not* seem to improve a species' chances of survival, but simply enables it to "track," or *keep up with*, the constantly changing environment (emphasis added).

Natural selection works only because each kind was created with adaptations (design features) and sufficient variety to multiply and fill the earth in all its ecologic and geographic variety. Without realizing it at the time, Darwin actually discovered important evidence pointing both to God's *creation* (adaptation and variation) and to the *corruption* of creation (struggle and death).

The seven points above are all *logical limits to extrapolating* the *hypothetical* process of evolution (macroevolution) from the *observable* process of natural selection. It really looks like using natural selection to “reach” evolution is like using a bicycle to reach the moon; the barriers are insurmountable, no matter how much time you take. Evolutionists face two even more serious difficulties in trying to explain evolution as a result of natural selection: “compound traits” and the “origin” of new traits.

(2) *Compound traits or “irreducible complexity”*

Many believe any genius Darwin had is found in explaining how all the complex and varied structures and functions of living things could be produced *one step at a time* by the process of natural selection. Imagine you are standing at the bottom of the Empire State Building. Getting to the top looks impossible,





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Do they really produce *new* traits? Do they really help to explain that postulated change from molecules to man, or fish to philosopher?

Mutations, Yes; Evolution, No

The answer seems to be: “*Mutations, yes; evolution, no.*” In the last analysis, mutations really don’t help evolutionary theory at all. There are three major problems or limits (and many minor ones) that prevent scientific extrapolation from *observed* mutational change to *hypothetical* evolutionary change.

(1) *Mathematical challenges.* Problem number one is the mathematical. I won't dwell on this one, because it's written up in many books and widely acknowledged by evolutionists themselves as a serious problem for their theory.¹⁵

Fortunately, mutations are very rare—or are they? They occur on an average of perhaps once in every ten million duplications of a DNA molecule (10^7 , a one followed by seven zeroes). That's fairly rare. On the other hand, it's not *that* rare. Our bodies contain nearly 100 trillion cells (10^{14}). So the odds are quite good that we have a couple of cells with a mutated form of almost any gene. A test tube can hold millions of bacteria, so, again, the odds are quite good that there will be mutant forms among them.

The mathematical problem for evolution comes when you want a *series of related* mutations. The odds of getting two mutations that are related to one another is the product of their separate probabilities: one in $10^7 \times 10^7$, or 10^{14} . That's a one followed by 14 zeroes, 100 trillion! Any two mutations might produce no more than a fly with a wavy edge on a bent wing. That's a long way from producing a truly new structure, and certainly a long way from changing a fly into some new kind of organism. You need more mutations for that. So, what are the odds of getting *three* mutations in a row? That's one in a billion trillion (10^{21}). Suddenly, the ocean isn't big enough to hold enough bacteria to make it likely for you to find a bacterium with three simultaneous or sequential related mutations.