

# WHAT EVOLUTION IS *NOT*

## Biological Evolution...

### 1. is NOT a theory...

(it is a FACT; it has been observed directly, and its extension to all life is supported by more evidence than there is for the spherical shape of the planets, and there is *no* evidence against it)

### 2. is NOT something one should *believe* in...

(it's based on science, not faith)

### 3. Is NOT concerned with the origin of life...

(it deals only with the origin of *species*)

### 4. Is NOT just concerned with the origin of humans...

(no more than any other species)

### 5. was NOT discovered or first explained by Charles Darwin...

(there were others)

### 6. is NOT the same thing as natural selection...

(which is the *how* of evolution, the real “*Theory of Evolution ...by Natural Selection*”, also deeply confirmed)

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7. is NOT something that happened only in the past...  
(it's still going on).
8. is NOT something that happens to individuals...  
(it happens to populations).
9. is NOT an accidental or random process...(there are built-in limited options and selective aspects). Its complex patterns are just as natural as the randomly generated and diverse patterns of snowflakes and crystals.
10. does NOT have any evidence against it...  
(*all* observations support it).
11. was NOT contrived to undermine religion...  
(rather, our awareness of it grew as we tried to make sense of many observations of life in a testable way).
12. does NOT deny the existence of God...  
(It is neutral; God is neither required nor eliminated; for all we know, evolution could be part of God's creation, or it might not, but science cannot determine that).

### 13. does NOT conflict with any religion...

(It can't, since it is only another way of trying to make sense of the natural world, based on scientific observation and critical analysis. Most religions have no problem with evolution, and those that do base their objections on an inaccurate view of science and evolution).

If these popular ideas about evolution are all wrong,  
then **what IS evolution?**

Biological Evolution is essentially the process whereby new species arise from earlier species by accumulated changes. This is often referred to as "descent with modification."