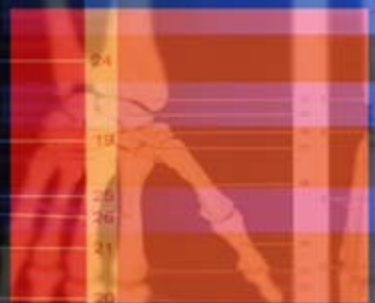


Part 2

Mutations Prove Creation



I would like to personally thank you for watching the Origins program. Origins was a special program, near to the heart of my late husband, Russell Bixler.

I trust that the information in this presentation will be helpful in your study of creation science. Thank you for your prayerful and financial support of Origins... you're making the television production of this program possible.

-Norma Bixler



Results of Literature Search

Data Base Searched

Search limiter	Biological Abstracts	Medline	Total*
Total Mutation(s)	170,527	283,205	453,732
Beneficial Mutation(s)	98	88	186
Percent Beneficial	0.06	0.03	0.04
Total Records Searched	6,434,067	12,373,719	18,807,786

Putative Examples of Beneficial Mutations

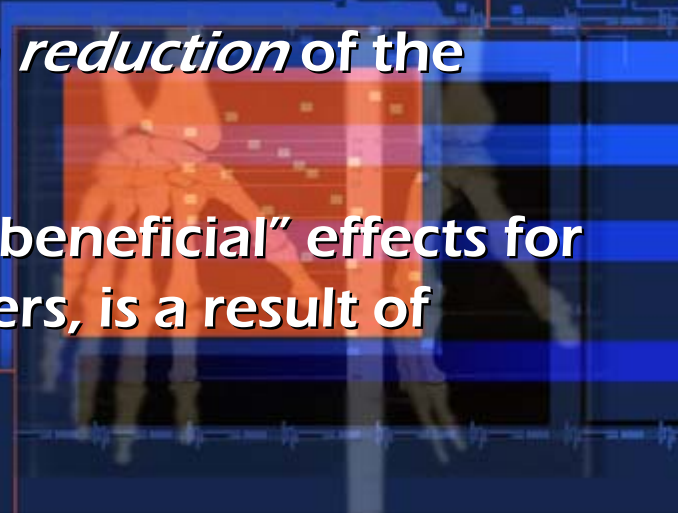
- Some are beneficial only for humans, not for the plant or animal.
- Seedless fruit.



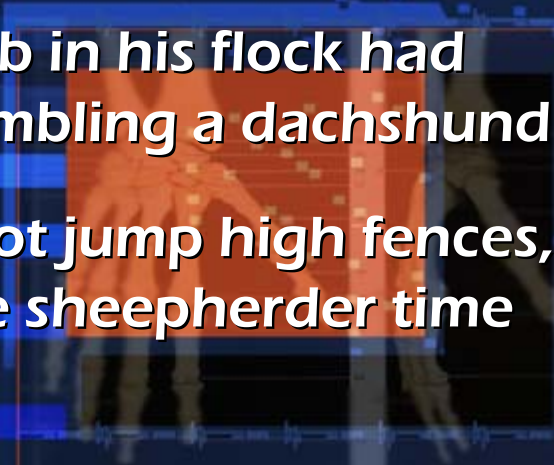
- **An example that illustrates why many “beneficial mutations” were not beneficial for the animal:**
 - muscle mutation in Belgian Blue cattle.
- **Valuable to beef farmers (20 to 30% more muscle) & meat tender & low in fat.**



- **This mutation beneficial to humans but not cattle.**
- **Side effects include a *reduction* of the animal's fertility.**
- **Although produces "beneficial" effects for farmers and consumers, is a result of *information loss*.**



- **The classic example of a loss mutation discovered in 1791 by Seth Wright.**
- **He noted a male lamb in his flock had short, bent legs resembling a dachshund.**
- **These sheep could not jump high fences, which could save the shepherd time and money.**



- He was able to produce a new sheep “breed,” Ancon sheep.
- Actually a *usually lethal* deformity called achondroplasia.
- This “breed” has rapidly gone extinct in spite of efforts to save it.





Fig. 5.3. Sketch of how the streptomycin molecule attaches to a matching site on the ribosome to interfere with protein synthesis.

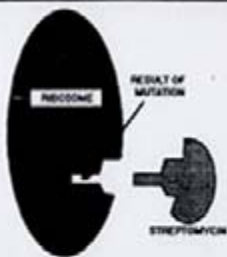
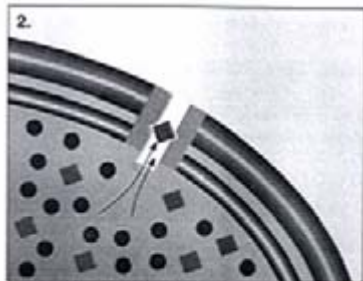
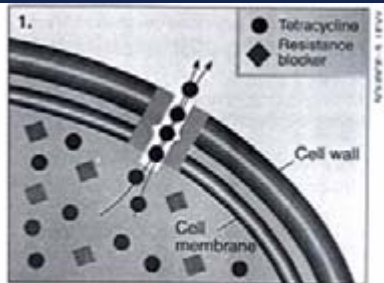


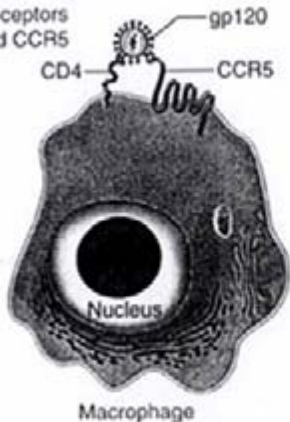
Fig. 5.4. Sketch of how a mutation in the matching site of the ribosome can prevent the streptomycin molecule from attaching, granting the cell resistance to the streptomycin.



Pump clog. (1) Some bacteria can resist tetracycline because of "efflux" pumps that shoot the antibiotics from the cell. (2) Adding "resistance-blockers" designed to bind tightly to the pumps allows tetracycline to build up to lethal levels.

HIV

Binding site formed
by co-receptors
CD4 and CCR5



HIV Resistance

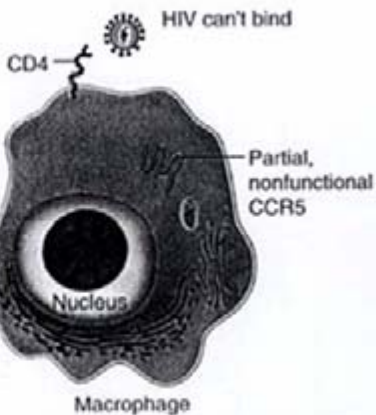


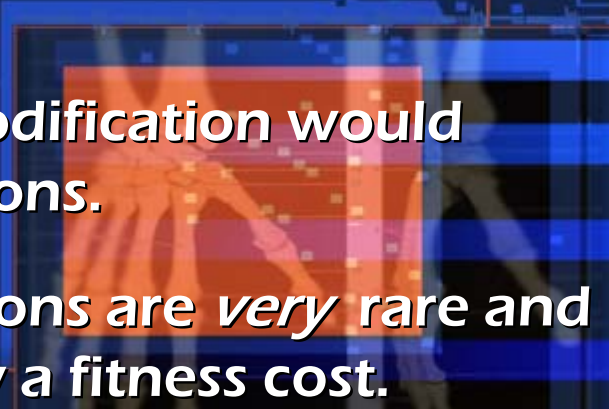
figure 15.11

People who inherit two copies of a deletion mutant of the CCR5 gene are resistant to HIV infection.

Number of Mutations Darwinism Requires

- An estimated over one to two thousand different proteins used in our body.

All produced by the 35 thousand human genes that Darwinism teaches evolved from other, less-complex often smaller genes.

- Shermer estimates that “trillions of distinct modifications” were required to evolve humans alone.
 - Presumably, *each* modification would require *many* mutations.
 - Yet beneficial mutations are *very* rare and virtually always carry a fitness cost.
- 

Conclusions

- Although other mechanisms have been proposed, at its core macroevolution is the production of new information by mutations.
- Mutations can not provide the source of genetic variation needed for selection.





Skunk Cabbage

Amazing Abilities!

The skunk cabbage is a uniquely designed plant which also has a built-in thermostat.

If the air temperature drops as low as 10°F, the skunk cabbage produces the heat it needs to maintain a temperature between 72°F and 74°F. If the flower becomes too warm heat is removed.

Because of its amazing abilities, it is the first plant to break through the snow in early spring. How could this intricately designed flower be the result of random chance processes?



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PROFESSOR***

**Mutations
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Part 2



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