

Explanations for Illusions

THE SPEED OF LIGHT IS NOT INSTANTANEOUS:

Ole Roemer (Danish astronomer, 1676) applied the delays observed in the orbiting time for the moons around Jupiter, and how this changed as Jupiter's distance changed.

Explanations for Illusions

SUN DOES NOT REVOLVE AROUND US: Proposed by Copernicus (~1540), supported by Galileo and refined by Kepler (early 1600s), then confirmed with stellar parallax by Bessel (1838).

Explanations for Illusions

RAINBOWS ARE NOT MATERIAL OBJECTS:

Theodoric Freiburg (early 1300s), first to use the scientific method. Refined by Isaac Newton (1660s).

<http://www.atmosphere.mpg.de/enid/tj.html>

Explanations for Illusions

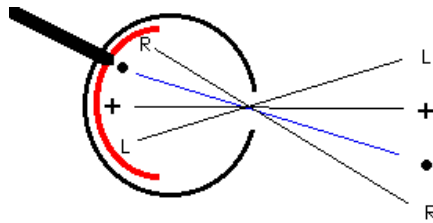
SPECIES DO CHANGE: Charles Darwin's work with natural selection (published 1859).

CONTINENTS ARE NOT FIXED: Proposed by Wegener (1915); Hess & Dietz (1960s) discovered sea floor spreading

- The Blind Spot Illusion



The Science of the Blind Spot



One Last One—Where's Waldo

- <http://www.superlaugh.com/1/waldo.swf>