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Eye, Skin, and Hair Color (preliminary information)

Identifying topics that need to have reports written about them takes a lot less time than writing them up. Consequently, we have an increasing backlog of reports to write. While somewhat frustrating, this is, of course, much better than the alternative! Below are some of the quotes from The Urantia Book and links to information that we used to identify the topic. Please get in touch if you have additional information that is relevant to the preparation of one of our upcoming reports.

The Urantia Book asserts that six colored races appeared on the planet approximately 500,000 years ago and that this occurred as a type of genetic mutation arising from one mother, who had 19 children. These six colored races are designated red, orange, yellow, green, blue, and indigo. The orange man and green man are said to have engaged a war that effectively destroyed both races. Though the other four races can be somewhat distinguished still, *The Urantia Book* says that there have not been any pure races left for a long time.

The Adam and Eve story in *The Urantia Book* has a genetic component to it. It says that before Adam and Eve, everyone had dark eyes and hair.

Urantia Book quotes:

74:0.1 Adam and Eve arrived on Urantia [Earth], from the year A.D. 1934, 37,848 years ago.

76:4.1 Adam and Eve were the founders of the violet race of men . . . Adam and his offspring had blue eyes, and the violet peoples were characterized by fair complexions and light hair color--yellow, red, and brown.

63:4.1 Primitive man—the Andonites—had black eyes and a swarthy complexion, something of a cross between yellow and red.

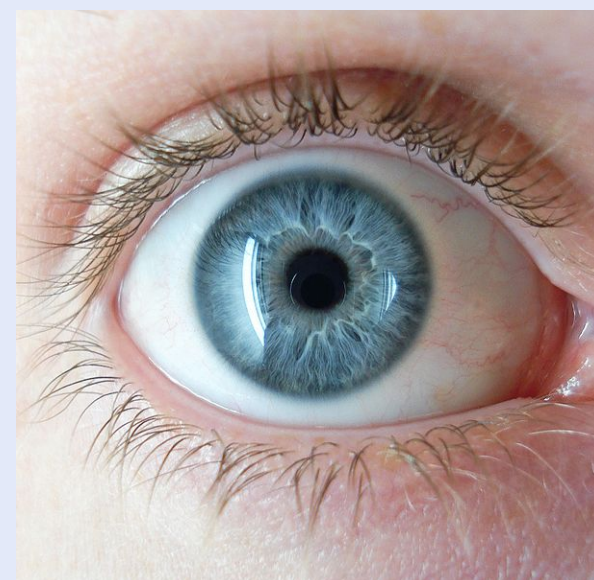
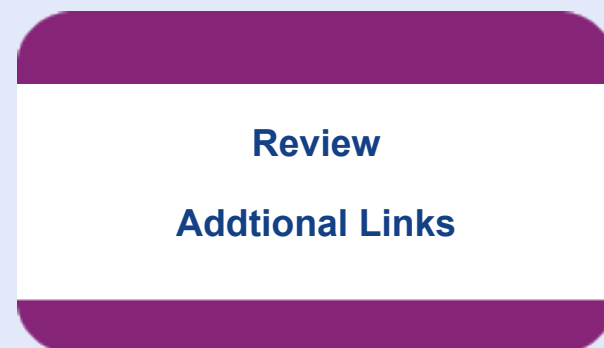
Eye, Skin, and Hair Color Supporting Links

Select quotes from this article:

<http://www.telegraph.co.uk/science/science-news/3323607/Blue-eyes-result-of-ancient-genetic-mutation.html>

“Originally, we all had brown eyes”, said Prof Hans Eiberg from the University of Copenhagen, who led the team.

Blue eye colour most likely originated from the near east area or northwest part of the



Black Sea region, where the great agriculture migration to the northern part of Europe took place in the Neolithic periods about six–10,000 years ago.

“That is my best guess,” he said. “It could be the northern part of Afghanistan.”

The mutation affected a gene called OCA2 and “literally 'turned off' the ability to produce brown eyes”, he says.

OCA2 is involved in the production of melanin, the pigment that gives colour to hair, eyes and skin."

Select quotes from this article:

http://www.lifescientist.com.au/article/181144/genetic_interactions_determine_hair_skin_colour

"OCA2 is the major gene for blue eyes, but we can get different hues of blue, depending on what other alleles it is interacting with - OCA2 accounts for around 74 per cent of the effect.

"OCA4 and NCA5 turn out to have major population-based differences in allele frequencies. They appear to be major genes associated with skin colour."

"The low level of variation within the European haplotypes harbouring the OCA4 and NCK5 alleles points to strong selection pressure for lighter skin colour - and increased vitamin D synthesis - in European populations around 30,000 years ago."

Full journal article from Copenhagen

<http://www.springerlink.com/content/2045q6234h66p744/fulltext.html>

Eye, Skin, and Hair Color Additional Links

<http://www.livescience.com/health/080131-blue-eyes.html> blue eyed people all came from one common ancestor, but 10K years ago, especially in northern europe

<http://www.biotechnews.com.au/index.php/id;1529171603> hair color at 40K

<http://sciencenow.sciencemag.org/cgi/content/full/2008/201/1> researcher says link to one source is unexpected; some researchers do not speculate about when it occurred

<http://www.imb.uq.edu.au/index.html?id=11690> more detailed scientific study

[http://www.ajhg.org/AJHG/abstract/S0002-9297\(07\)00040-7](http://www.ajhg.org/AJHG/abstract/S0002-9297(07)00040-7) abstract of scientific report

<http://www.mytravelguide.com/g/maps/Black-Sea-map.gif> map of Black Sea

http://www.dailygalaxy.com/my_weblog/2008/02/blue-eyes-a-res.html good little summary of early '08 material

http://www.north-by-north-east.com/articles/04_04_1.asp Hmong are said to have had and continue to have a good amount of blonde hair, non assimilating

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