DETECTING AN INTELLIGENTLY DESIGNED MUTATION IN HORSES

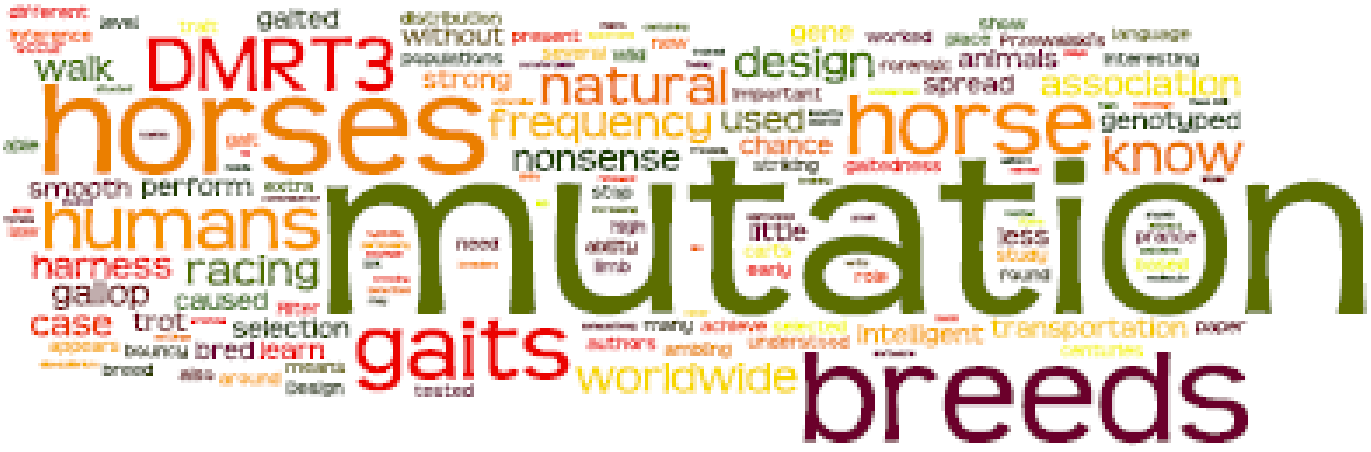
In this article some of the most repeated words are horses, mutations, humans and breeds. That is not a haphazard circumstance, and it's not only due to the content of the article. The meaning of these words comes from a higher level: they represent a concept. By only taking a quick look at the image below we can figure out what the author wants to transmit us, what's the main idea.

The article claims that men had a lot to do with the actual morphology and traits of horses. Originally horses had three types of gait: walk, trot and gallop. At some point on evolution trot and gallop became smoother than the primitive bouncy walk, and that's because a nonsense mutation in a gene named DMRT3. The mutation affects motoneurons, which play a major role in coordinating limb movements, and it's thoroughly shown in actual stallions.

Since the mutation does not improve velocity or capability to escape from predators, we can assure that it spread out worldwide because of human action. Horses have been used for a very long time as a transportation beast. They were also "fight- buddies" of kings and horsemen, and they were usually used for trading. Throughout history human race have genetically selected these mutated horses because of their smooth gait. A non-sense mutation that was not supposed to survive or mark horse-physiology became popular and normal. Eventually it evolved into a new range of breeds that now appear all around the globe. This is just another example of how we modify the course of evolution and how we have been doing this for centuries.

The content of the research can be summed up in just four words: horses, mutations, humans and breed. They don't just summarize the content of the article; they represent an idea, a fact. As human beings we try to make a profit out of nature, sometimes getting to the point of changing its natural pathway. Human fingerprint is among us more than we expect.

Source: http://www.evolutionnews.org/2014/03/detecting_an_in082811.html



By: Nerea Capón Lamelas. NIU: 1360055