SHADOWS DISAPPEAR AT MIDNIGHT

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The luminescence of the Moon in the period of a lunar eclipse is caused by a deviation of rays of light near massive objects specularly in different directions.

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Inhabitants of Earth when it the shadow closes the Moon can observe a lunar eclipse, that is the satellite completely enters a shadow of our planet (fig. 1). All inhabitants of Earth but only their half can't observe a lunar eclipse at once where the Moon during an eclipse towers over the horizon.

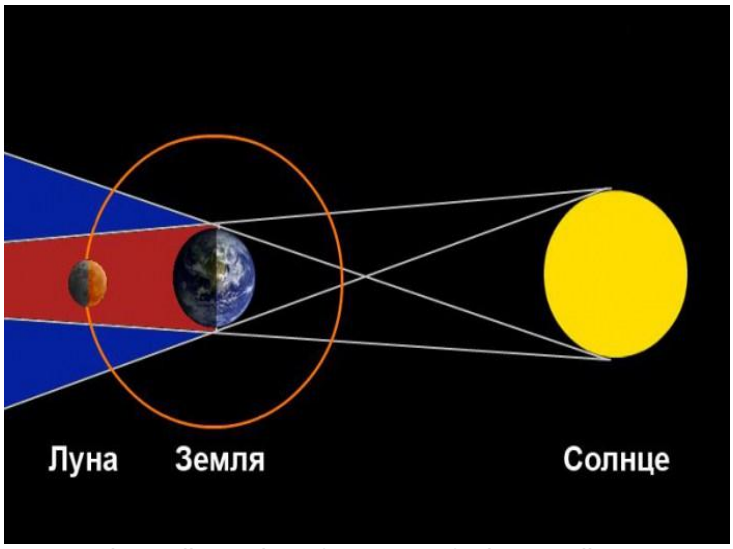

Fig. 1. Illustration of process of a lunar eclipse.

We see the Moon because her surface reflects sunlight. However, during Long's eclipse not just vanishes (as it, for example, happens at solar), she gains bright brown color (fig. 2). (Red) scientists unconvincingly try to explain such color with the fact that, even being in a shadow of Earth, the Moon all the same continues to be lit with the sunshine passing on a tangent allegedly concerning the surface of our planet. These beams dissipate in our atmosphere and at the expense of it allegedly reach the surface of the Moon. However there is also other hypothesis of the nature of a luminescence of the Moon in the period of a lunar eclipse. As a result of the researches conducted by us it has been established that the ray of light near massive objects can deviate in both parties and, oddly – it is mirror! Thus, the Moon is highlighted from all directions. By way of illustration this phenomenon photos of objects on Earth and Long are provided (without the atmosphere!). So dog here at anything

Fig. 2. Change of color of the Moon at the time of an eclipse

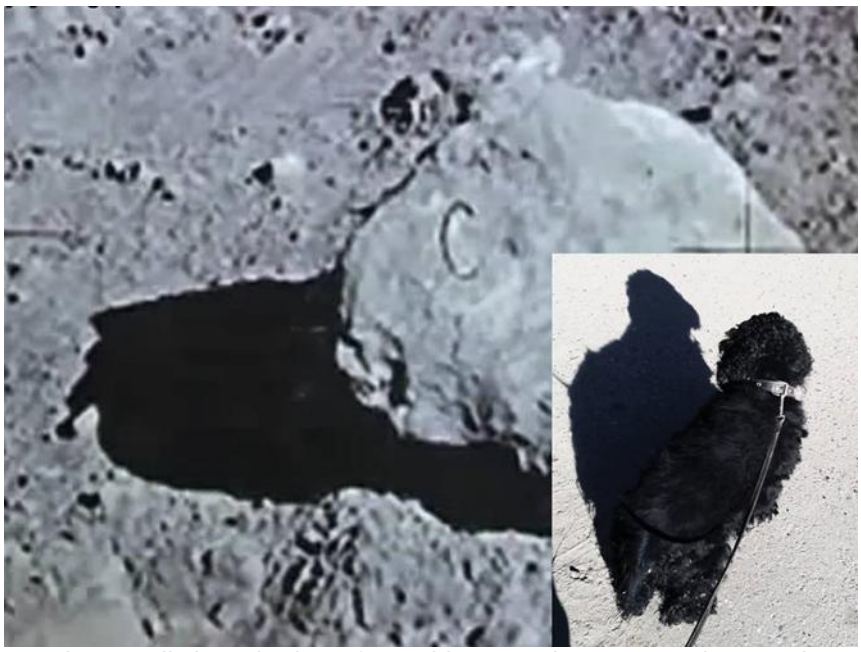

Fig. 3. Indistinct shadows from objects on the Moon and on Earth

Literature:

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