Is That a... Vampire Deer? Meet the Siberian Musk Deer

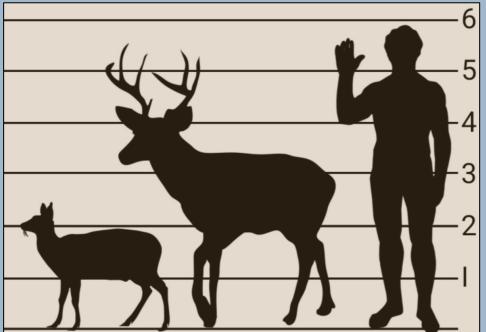
About the Siberian Musk Deer (Moschus moschiferus)

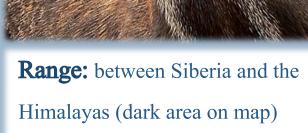
- A member of the family Moschidae, musk deer are not true deer!
- Very small, weighing under 40 pounds and are under 2 feet tall at the shoulders
- Have large ears, a short tail, long and strong hind legs, a small chest, and an arched back
- Males have a musk gland, which they use to mark territory and attract females

Musk deer lack antlers! Instead, males have long upper canine teeth that give them a distinct, vampire-like appearance. These tusks continue to grow for their entire lives, reach up to 10 cm long, and are used to defend themselves from predators and their territory from other males!



Musk Deer next to Whitetail Deer and Person





Habitat: forests and rocky areas

Diet: herbaceous plants during the summertime, but mostly bushy lichens found on trees and rocks during the wintertime

Predators: lynxes, wolverines, and yellow-throated martens (a small, weasel-like mammal)

Threats and Conservation Status

Musk deer are often hunted for their musk. It is used in things like traditional medicine and perfume. Their population is declining due to hunting. They are listed as vulnerable on the IUCN (International Union for Conservation of Nature) Red List of Threatened Species and under Appendix II of CITES (the Convention on International Trade in Endangered Species), meaning trade is limited. It is hoped that this limitation will help prevent them from becoming threatened.



My intended audience for this informational artifact would be the lay audience. I envisioned this as an exhibition label or sign for a setting like a zoo, so anyone could view it if they are interested in learning about Siberian musk deer. Because the audience may know little or nothing about this species or other information mentioned, I made the sign pleasing to look at and easy for the average person to understand. This sign would serve the purpose of quickly teaching the audience a bit about the Siberian musk deer. It informs the viewer about physical appearance, habitat, diet, predators and conservation status. I explained certain points to make them easier for the average person to understand, in order to convey the information effectively. For example, I stated that Siberian musk deer are within the family Moschidae but clarified that this meant they aren't true deer, because the average person probably wouldn't know that true deer are within the family Cervidae. I also wrote out what IUCN and CITES stand for and what Appendix II is, because the average person may not know about this agreement or its meaning.

Bibliography

- Adamsson E. 2011. Siberian Musk Deer (photograph). Wikimedia Commons; [accessed 2024 Jan 21]. https://commons.wikimedia.org/wiki/File:Siberian_Musk_Deer.jpg.
- Altaileopard (Wikimedia Commons User). 2011. Moschus moschiferus map (photograph). Wikimedia Commons; [accessed 2024 Jan 21]. https://commons.wikimedia.org/wiki/File:Moschus_moschiferus_map.png.
- Edwards HM, Farke AA. 2015. Moschus chrysogaster (silhouette image). PhyloPic [accessed 2024 Feb 3]. https://www.phylopic.org/images/8522c2de-057c-4282-8eb1-fe10b75961e4/moschus-chrysogaster.
- Heath TA. 2013. Odocoileus virginianus (silhouette image). PhyloPic [accessed 2024 Feb 3]. https://www.phylopic.org/images/56f6fdb2-15d0-43b5-b13f-714f2cb0f5d0/odocoileus-virginianus.
- Mulder J. 1999. Moschus moschiferus. Animal Diversity Web; [accessed 2024 Jan 20]. https://animaldiversity.org/site/accounts/information/Moschus_moschiferus.html.
- NASA. 2012. Homo sapiens sapiens (silhouette image). PhyloPic [accessed 2024 Feb 3]. https://www.phylopic.org/images/acf1cbec-f6ef-4a82-8ab5-be2f963b93f5/homo-sapiens-sapiens.
- Nyambayar B, Mix H, Tsytsulina K. 2015. Moschus moschiferus. The IUCN Red List of Threatened Species; [accessed 2024 Jan 20]. https://www.iucnredlist.org/species/13897/61977573.
- Rafferty JP, Rodriguez E, Singh S, Tikkanen A, editors of Encyclopedia Britannica. 2023. Musk deer. Encyclopedia Britannica; [accessed 2024 Jan 20]. https://www.britannica.com/animal/musk-deer.
- World Wildlife Fund [WWF]. N.d. Musk Deer. World Wildlife Fund; [accessed 2024 Jan 20]. https://www.worldwildlife.org/pages/musk-deer.
- Усик H. 2011. Moschus moschiferus in Plzen zoo (12.02.2011) (photograph). Wikimedia Commons; [accessed 2024 Jan 21]. https://commons.wikimedia.org/wiki/File:Moschus_moschiferus_in_Plzen_zoo_(12.02.2011).jpg.