

Biological Fitness Writing Assignment

Using your notes, the PowerPoint slides, and other WDFW resources, write a two-page, double-spaced technical paper summarizing what genetic variations in ungulates makes individuals more likely to reproduce. You may use outside resources but must cite outside information accordingly. Use terms learned in the PowerPoint such as biological fitness, sexual dimorphism, bovid, cervid, etc. Consider the following questions:

- Why do some genetic variations make a male individual appear more biologically fit to a female?
- What could be some risks of being the most biologically fit male?
 - i.e., higher mortality in dominant bull elk trying to defend harem from competitors.
- Are there benefits to being a less biologically fit male? Explain.