

## A Scientific Story about Mating

1. Adjective
2. Location
3. Verb - Present Ends In Ing
4. Number
5. Adjective
6. Female Name
7. Adjective
8. Adjective
9. Same Female Name
10. Adjective
11. Adjective
12. Verb - Past Tense
13. Verb - Past Tense
14. Adjective
15. Same Female Name
16. Verb - Past Tense
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18. Number
19. Number
20. Fraction
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It was a/an \_\_\_\_\_ (Adjective) afternoon in \_\_\_\_\_ (Location), and the sun was \_\_\_\_\_ (Verb - Present ends in ING).

There were \_\_\_\_\_ (Number) of female sage grouse gathered around to watch a/an \_\_\_\_\_ (Adjective) display by the male grouse. One female, \_\_\_\_\_ (Female Name), was feeling a little \_\_\_\_\_ (Adjective) today because it was her first time at a lek. As a female, she would get to choose the most \_\_\_\_\_ (Adjective) male of the group.

\_\_\_\_\_ (Same Female Name) was a/an \_\_\_\_\_ (Adjective) grouse, and she was curious as to how this mating strategy was sustainable. After all, if most females were mating with the same \_\_\_\_\_ (Adjective) male, wouldn't genetic diversity be \_\_\_\_\_ (Verb - Past Tense). "What a paradox!" \_\_\_\_\_ (Verb - Past Tense). However, what she did not know was that many traits were condition dependent. That means that in \_\_\_\_\_ (Adjective) times, genetic diversity is high, and in good times, it is the opposite.

\_\_\_\_\_ (Same Female Name) was \_\_\_\_\_ (Verb - Past Tense) with the first male, however, the second male was quite \_\_\_\_\_ (Adjective). \_\_\_\_\_ (Number) males displayed courtship behavior for a group of \_\_\_\_\_ (Number) females! However, only \_\_\_\_\_ (Fraction) of the males received mates. The females only chose the \_\_\_\_\_ (Adjective - Ends in EST) males, since the displays should be signals of the male's \_\_\_\_\_ (Noun).