

Name: \_\_\_\_\_

### Geniventure Trait Tracker

One trait at a time, list the possible allele combinations that you create with the pulldown menus. In the last column, write down how the drake looks when you have that combination of alleles. Use the example in the first row as a guide. Read through the questions before you start each Mission.



Missions 1.1 and Mission 1.2		
Trait	Possible Allele Combinations	How does this make the drake look?
Wings	Wings - Wings	The drake has wings
	Wings - Wingless	
	Wingless - Wingless	
Legs		
Arms		
Sex (Male or Female)	X - x chromosomes	
	X - y chromosomes	
<p><b>You've reached the end of Level 1 Traits.</b>            Save this and keep track of new traits you discover in future levels!</p>		
<p><b>Questions:</b></p> <p>1. For wings, what allele seems to be dominant? <span style="float: right;">What evidence do you have?</span></p> <p>2. For legs, what allele seems to be dominant? <span style="float: right;">What evidence do you have?</span></p> <p>3. For arms, what allele seems to be dominant? <span style="float: right;">What evidence do you have?</span></p> <p>Bonus: Why is there not a y, y combination for sex?</p>		