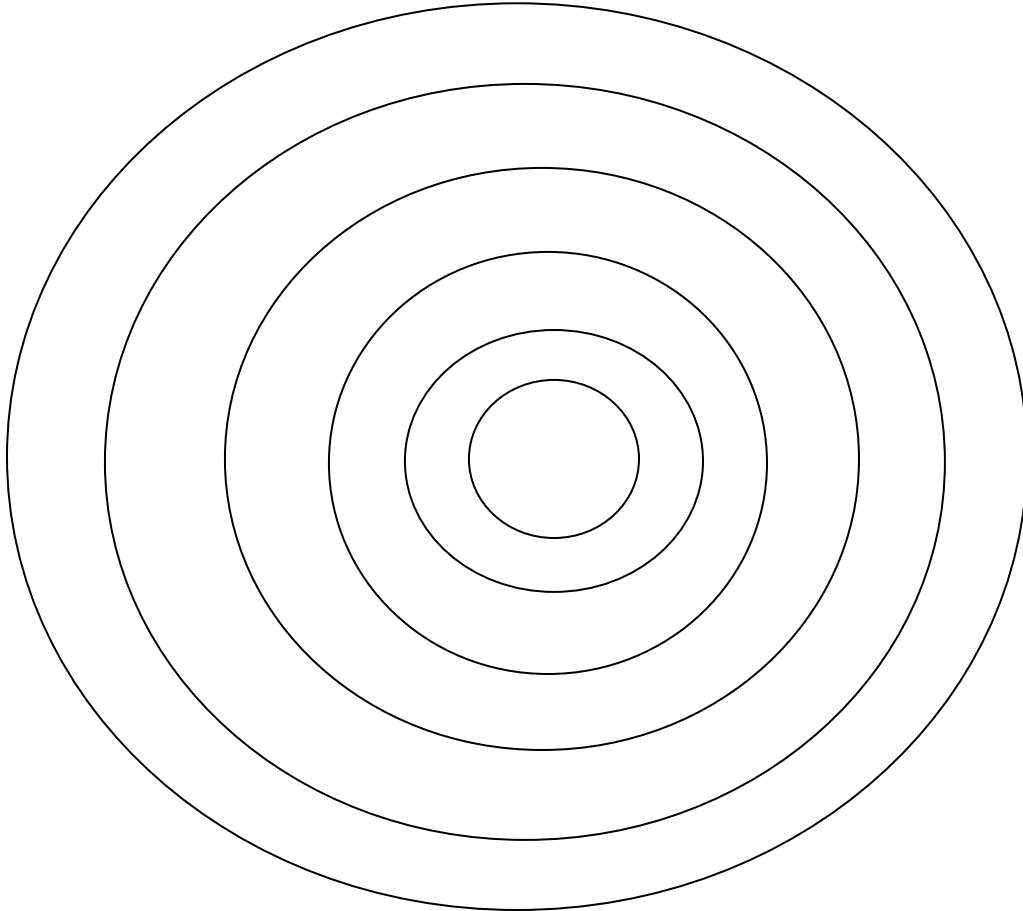


## Why is Genetic Diversity Important? *Why We Care About Genetics Vol.1*

1. What 2 factors can cause diversity within a species?
  - a.
  - b.
2. In the circles below fill in the hierarchy of genetic diversity in nature with the biggest group, genus, in the biggest circle.



3. What are variations of a gene called? \_\_\_\_\_
4. How do plants get 2 copies of a gene (not in the article, but think about it!)?
5. Give a specific example of how a hybrid is made.
6. Describe the 3 reasons genetic diversity is important to a population.