**Bellringer:** Mechanisms of Evolution

AP Biology

**Match term in the column on the left to its example/definition on the right.**

| Bottleneck effect | *Brassica oleracea* can be bred to create a host of vegetable types such as broccoli, cauliflower and Brussels sprouts |
| --- | --- |
| Genetic drift | Medium-sized beaks of finches are a poor fit for the environment |
| Founder effect | Differential reproductive success; ‘survival of the fittest’ |
| Natural selection | The tendency for larger individuals to survive |
| Disruptive selection | Cheetahs have little genetic variation due to dwindling populations |
| Directional selection | Small populations are at higher risk for random genetic factors |
| Artificial selection | A tendency for a population mean to also become the mode |
| Stabilizing selection | New individuals migrate to an island bringing their own genes |
| Gene flow | Dutch-descended S. Africans have a high rate of Huntington’s disease |

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