In any population there is always v\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, this is caused by g\_\_\_\_\_\_\_\_\_\_\_\_\_\_ m\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ in the DNA. Some of these mutations will help the organism s\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ for longer in their habitat and will r\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ more. If there is a s\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ p\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, like predation, mating, disease or e \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ c\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, the individuals with these adaptations would s\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and pass these advantageous g\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ onto the next g\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, which will also be better adapted. Over time, the number of i\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ with the advantageous genes will i\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. This is called e\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.