

# Comparing Southern Flying Squirrels (*Glaucomys fuscus*) and Northern Flying Squirrels (*Glaucomys sabrinus*)

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- Competition experiments were done between a starting population of 10 Southern Flying Squirrels (*Glaucomys fuscus*) and 10 Northern Flying Squirrels (*Glaucomys sabrinus*) on various mountain elevations over a one year period.
- There is competition between these two species of flying squirrels because as one population (*G. Fuscus*) increases positively at the end of the one year period, the other (*G. Sabrinus*) decreases negatively and extincts.
- Competition while coexisting at an elevation between 1000 and 1200 meters causes *G. Fuscus* to win at 1200 meters and *G. Sabrinus* to lose and extinct at 1400 meters.
- The species can exist on their own, meaning they perform better in the absence of competition because when they are together the *G. Fuscus* species outcompetes the *G. Sabrinus* species.

