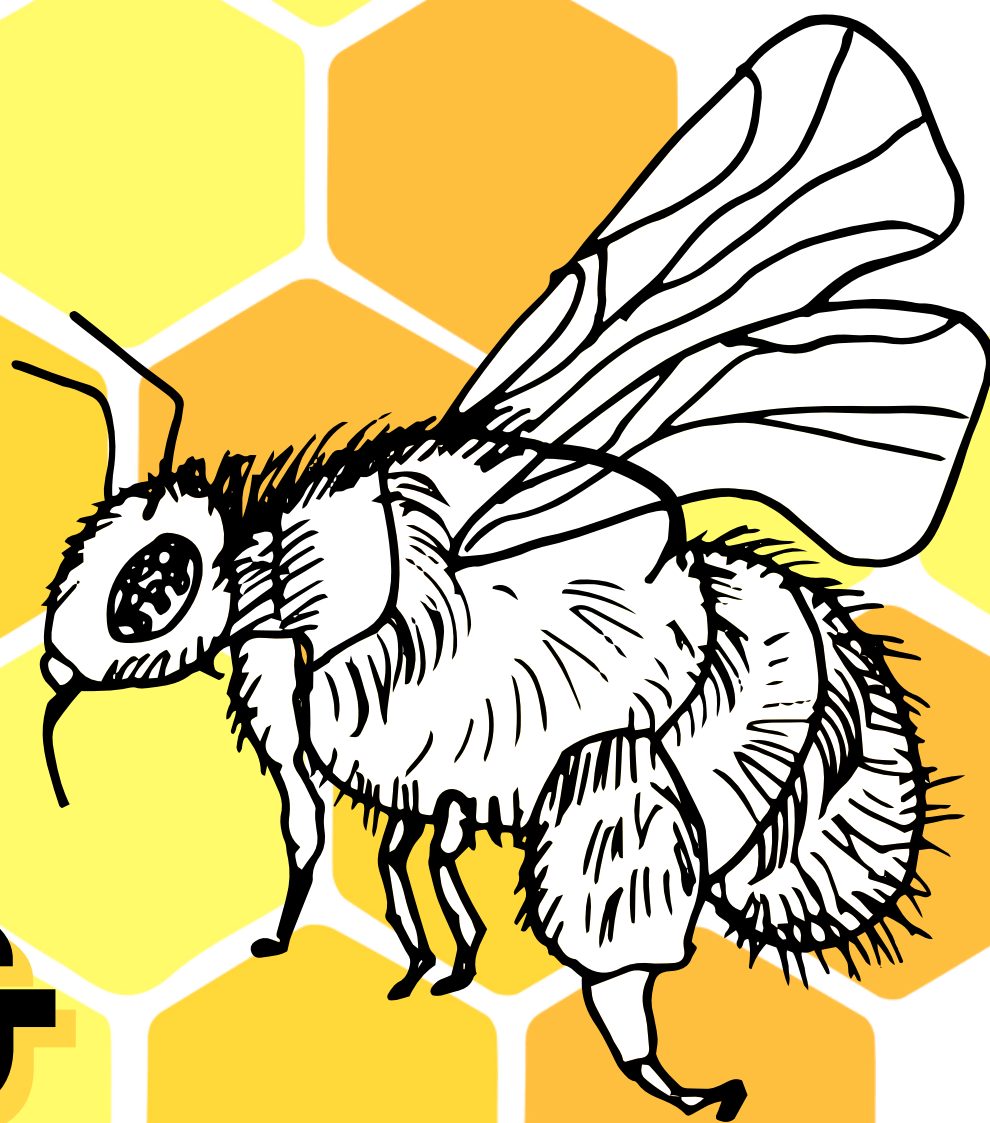


Studies on

Honeybee Colony Numbers & Pollination Efficiency



■ Period of Pollination ■ How Many Hives Needed

Which factor impacts the honeybee colony the most?

Pollination Efficiency

Maximum Production of Eggs

Death Rate of Eggs

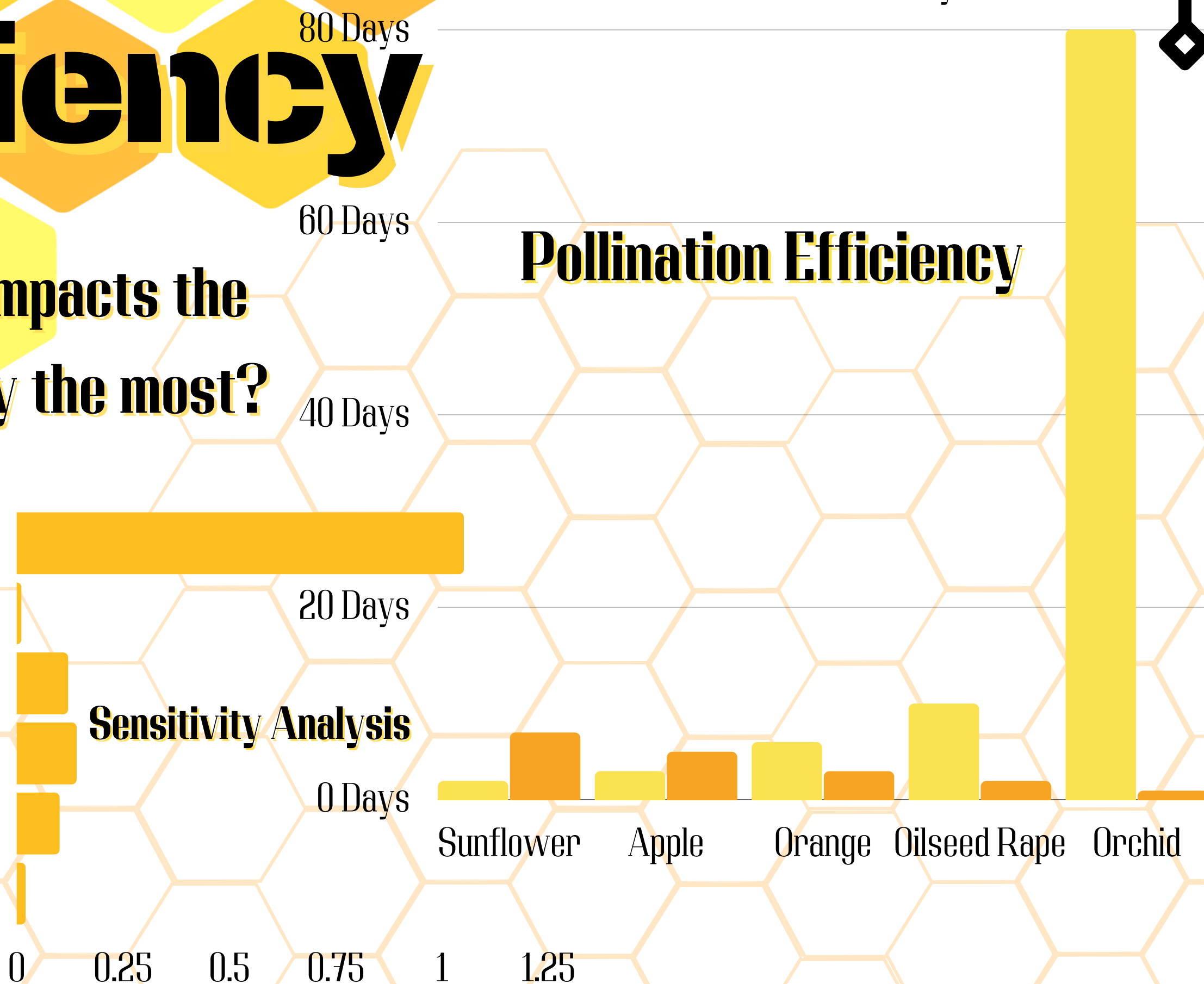
Death Rate of Larvae

Death Rate of Pupae

Death Rate of Hive Bees

Death Rate of Forager Bees

Sensitivity Analysis



Bees, industrious animals we see in our daily life, are essential to the survival of human beings on earth for their vital role in pollinating many trees and plants. However, in 2007, the term Colony Collapse Disorder (CCD) was coined, indicating the global decline of the honeybee population.

Sunday Li

Maggie Wang

Hanson Zhou

Tony Chen