

**Math 229, Spring 2024**  
**Project: Cooperative and competitive species**

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In this project you will study how the Lotka-Volterra model for interacting species can be adapted to cooperative as well as competitive species interactions. This is Lab 2.2 in the text.

In your writeup, please include the following:

1. The writeup as described in Lab 2.2. In addition, for each of the systems studied, try to come up with some species interaction system which might be realistically modeled by that system.