

NAME: \_\_\_\_\_

Section: \_\_\_\_\_

| <b>Tentative Rubric - Project02 - 331</b>  | <b>Points<br/>Max</b> | <b>Points<br/>Earned</b> |
|--|-----------------------|--------------------------|
| <b>General</b>   |                       |                          |
| Command-line arguments interpreted correctly   | 5                     |                          |
| Usage message to stderr if 0 or more than 4 args   | 5                     |                          |
| <b>The Simulation</b>  |                       |                          |
| Randomly select two living members   | 4                     |                          |
| Individuals compete according to rules of interaction  | 8                     |                          |
| Display for encounter number, individuals, type of interaction and update                                      | 8                     |                          |
| Hawks die when resource amount drops below 0   | 5                     |                          |
| <b>The Menu</b>  |                       |                          |
| Displays starting stats correctly  | 5                     |                          |
| Displays individuals and points (option 2) correctly   | 6                     |                          |
| Displays individuals sorted correctly  | 6                     |                          |
| Options 4, 5 and 6 work correctly  | 8                     |                          |
| Able to step through interactions until "Stop" is entered  | 6                     |                          |
| Quit option implemented correctly  | 4                     |                          |
| Follows all instructions precisely   | 6                     |                          |
| <b>The README.txt file</b>   |                       |                          |
| Has description of language and why the language was chosen  | 5                     |                          |
| Running instructions for the program   | 4                     |                          |
| Has a paragraph explaining observations of the simulation in relation to ESS                                   | 15                    |                          |
| <b>Style Deductions</b>  |                       |                          |
| Deduction for poor program design  | 0 to -10              |                          |
| Identification comment block at top of file, meaningful variable names, meaningful comments for blocks of code | 0 to -5               |                          |
| Blank line to separate blocks of code and proper indentation   | 0 to -5               |                          |
| Deductions for errors and/or warnings when running   | 0 to -10              |                          |
| Only submitted a .zip file with README.txt and code files inside   | 0 to -10              |                          |
| <b>Final Grade</b>   | <b>100</b>            |                          |

**Comments:**