ZooC

Lab Report Outline:

Title

Detailed

Describe the experiment

Example:

**Righting Time In Turtles: Comparing Fluctuating Temperature and Constant Temperature Incubation**

Introduction

-3 References: Not Wiki.

- Include what we were measuring the difference between:

1. Set 1: Field Incubated: Fluctuating Temperature
2. Set 2: Lab incubated Constant Temperature

Materials and Methods

How you did what you did

Materials

|  |  |
| --- | --- |
| Materials* Paper Towels
* Stop Watch
* Thermometer
* Juvenile Turtles
 | Methods* One turtle at a time (so that they don't see and learn from eachther.
* Flip a turtle over and time how long the turtle takes to flip ALL the way back over to right side up.
* Time 3 trails and take an average.
 |

Results

Average:

* Set 1: 2.46Seconds – Fluctuating Temperature Incubated Turtles
* Set 2: 7.52Seconds – Constant Temperature Incubated Turtles

Turtles incubated in the field under fluctuating temperatures righted themselves on average in 2.46 seconds. Turtles incubated in the lab at Sonoma State University under constant temperature incubation righted successfully on average in 7.52 seconds.

* Include in results any information about outliers: Turtle335
* Use exact Numbers and reference your own data table (see data table 1).
* Include your data table

**Conclusion**

Restate some of your premises from the intro:

* Why we were testing them: Fitness + if they will survive in the wild + compare the two types of incubation
* Type of turtle: species

Turtles incubated in the field under fluctuating temperatures were slightly faster at flipping over than turtles incubated in the lab at Sonoma State University under constant temperature incubation.

* Recommendation for ssu:
	+ Release?
	+ Next years incubation?
		- Possible: Release both – the difference between there righting time is very close so there levels of fitness are likely very similar.

References/Bibliography:

3 References: Not Wiki

(consider using super script numbers to site references in text)1

Recommendation of how to site: http://zanniedallara.weebly.com/bibliographycitation.html