|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Locality | Temperature | Sex | n (adults) | 25% |
| **RMO** | A | F | 103 | 26 |
| M | 90 | 23 |
| B | F | 97 | 24 |
| M | 101 | 25 |
| C | F | 82 | 21 |
| M | 79 | 20 |
| **RPV** | A | F | 90 | 23 |
| M | 92 | 23 |
| B | F | 99 | 25 |
| M | 86 | 22 |
| C | F | 65 | 16 |
| M | 76 | 19 |
| **SJU** | A | F | 97 | 24 |
| M | 87 | 22 |
| B | F | 73 | 18 |
| M | 87 | 22 |
| C | F | 19 | 5 |
| M | 19 | 5 |
| **TLC** | A | F | 45 | 11 |
| M | 46 | 12 |
| B | F | 42 | 11 |
| M | 43 | 11 |
| C | F | 27 | 7 |
| M | 44 | 11 |
| TPN | A | F | 25 | 6 |
| M | 20 | 5 |
| B | F | 22 | 6 |
| M | 25 | 6 |
| C | F | 16 | 4 |
| M | 22 | 6 |
| Total |  |  | 1819 | 455 |

**Wing measurements and morphometry**

Here is a table with the number of wings I have from lab rearing based on Locality, Rearing Temperature, and Sex. In total, I have 1,819 samples (not including the Amazonas samples that I am working on).

Taking a subset of each group, including males and females, gives a rough 50/50 divide between the sexes for most situations. I am thinking about randomly sampling 25% which would give me 455 samples to assess for morphometrics. This does not include the 2 localities from Amazonas and the last locality for Rio which I think will be an additional 150 samples. I think it is important to investigate both sexes across all temperatures.

I have reached out to Dr. Gomez and he has been helpful in answering some questions and providing me with some literature. I plan on following his protocol and using the same software detailed in Gomez 2013.