

## Lange's metalmark data

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To: Schultz, Cheryl <schultzc@wsu.edu>

 1 attachments (59 KB)

Langes metalmark abundance data for Schultz - 1986-2022 - mah - 10052022.xlsx;

Hi Cheryl,

I've attached the Lange's metalmark data, I think in the format you are looking for.

The spreadsheet has three tabs. The first "Data in Schultz format" tab is in the format I believe you wanted. The second "Abundance estimates" tab is the approach to abundance estimation we used for the most recent [5-year review for Lange's metalmark](#). And the "Captive prop releases" tab shows the numbers of captively reared larvae, pupae, and adults released each year from 2007-2019.

I will note that in putting together this spreadsheet I did notice discrepancies between Travis Longcore's 1986-2007 LMB data and the data we used in the most recent 5-year review. I have not yet reviewed and vetted the 1986-2022 data myself that we used in the 2020 5-yr review, but that data was compiled and vetted by two people I have a lot of confidence in. They worked hard to solve discrepancies in the data. I'm currently looking into the differences between Travis's dataset and our dataset, but this is likely to take a while to resolve. For the time being I feel reasonably comfortable with the data provided in the attached spreadsheet.

Hope this helps and please feel free to let me know if you have questions, comments, etc. And best of luck with your project.

~Mark

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